LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008502.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.852	312	317	327	rBV	119814	172861	5.09%	0.721%
2	5.322	391	397	426	rBV	464019	808626	23.80%	3.375%
3	5.922	493	499	505	rBV	35092	51506	1.52%	0.215%
4	6.928	663	670	685	rBV	233439	507498	14.94%	2.118%
5	7.716	795	804	816	rBV	175197	303749	8.94%	1.268%
6	8.081	860	866	877	rVB	454130	712856	20.98%	2.975%
7	8.205	881	887	902	rVB	80201	126877	3.73%	0.530%
8	8.822	986	992	996	rBV	74252	112780	3.32%	0.471%
9	8.887	996	1003	1024	rVV2	711709	1374383	40.46%	5.736%
10	9.052	1024	1031	1040	rVV6	19557	46996	1.38%	0.196%
11	9.158	1044	1049	1058	rVB	19608	35542	1.05%	0.148%
12	9.346	1077	1081	1089	rVB	29461	51397	1.51%	0.215%
13	9.705	1135	1142	1148	rBV3	34088	66771	1.97%	0.279%
14	9.910	1165	1177	1187	rBV2	184580	390409	11.49%	1.629%
15	10.075	1199	1205	1212	rVB5	15567	36193	1.07%	0.151%
16	10.510	1268	1279	1284	rVV2	237743	528893	15.57%	2.207%
17	10.563	1284	1288	1293	rVV2	99076	176698	5.20%	0.737%
18	10.622	1293	1298	1305	rVB	128239	209736	6.17%	0.875%
19	10.981	1349	1359	1367	rBV3	53477	114408	3.37%	0.477%
20	11.087	1372	1377	1383	rBV	72917	123838	3.65%	0.517%
21	11.175	1387	1392	1397	rVV	32426	53345	1.57%	0.223%
22	11.428	1428	1435	1443	rVB	49605	98406	2.90%	0.411%
23	11.628	1464	1469	1475	rBV3	86986	152798	4.50%	0.638%
24	11.846	1502	1506	1511	rVB	56461	86946	2.56%	0.363%
25	11.904	1511	1516	1519	rBV	42880	72726	2.14%	0.304%
26	11.934	1519	1521	1526	rVV4	35520	56439	1.66%	0.236%
27	12.016	1528	1535	1538	rVV2	31230	78659	2.32%	0.328%
28	12.069	1538	1544	1550	rVV3	106076	209365	6.16%	0.874%
29	12.146	1551	1557	1566	rVB2	43218	81714	2.41%	0.341%
30	12.387	1593	1598	1603	rBV4	44312	106096	3.12%	0.443%
31	12.440	1603	1607	1611	rVV2	69045	121663	3.58%	0.508%
32	12.487	1611	1615	1625	rVB3	42968	114212	3.36%	0.477%
33	12.851	1673	1677	1680	rBV2	24739	36444	1.07%	0.152%
34	12.910	1682	1687	1691	rVB3	38306	58631	1.73%	0.245%
35	12.993	1694	1701	1707	rBV	1625122	2345243	69.04%	9.788%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

36	13.198	1732	1736	1741	rVB4	32874	48339	1.42%	0.202%
37	13.251	1741	1745	1749	rBV2	46852	77108	2.27%	0.322%
38	13.304	1749	1754	1760	rVV2	71004	138144	4.07%	0.577%
39	13.363	1760	1764	1771	rVB3	38365	68466	2.02%	0.286%
40	13.563	1789	1798	1802	rBV6	21934	59259	1.74%	0.247%
41	13.722	1821	1825	1831	rVB4	38529	75799	2.23%	0.316%
42	13.928	1857	1860	1863	rBV	41927	59439	1.75%	0.248%
43	13.963	1863	1866	1873	rVB4	51514	78128	2.30%	0.326%
44	14.098	1885	1889	1893	rBV	64256	88685	2.61%	0.370%
45	14.204	1904	1907	1913	rVB5	28932	52254	1.54%	0.218%
46	14.375	1930	1936	1942	rBV	373834	618534	18.21%	2.582%
47	14.434	1944	1946	1954	rVB2	54331	86258	2.54%	0.360%
48	14.716	1991	1994	2000	rVB7	34451	52747	1.55%	0.220%
49	14.781	2001	2005	2014	rVV5	44966	101798	3.00%	0.425%
50	14.857	2015	2018	2022	rVB	44979	56215	1.65%	0.235%
51	14.998	2037	2042	2050	rBV3	94403	226493	6.67%	0.945%
52	15.204	2074	2077	2086	rVB3	53268	102033	3.00%	0.426%
53	15.334	2096	2099	2108	rBV6	33821	52425	1.54%	0.219%
54	15.428	2111	2115	2119	rVB2	73218	103415	3.04%	0.432%
55	15.475	2119	2123	2127	rBV6	28870	53943	1.59%	0.225%
56	15.551	2132	2136	2139	rBV	144859	187472	5.52%	0.782%
57	15.640	2148	2151	2155	rBV2	41843	52874	1.56%	0.221%
58	15.787	2167	2176	2183	rBV4	175058	392987	11.57%	1.640%
59	15.881	2186	2192	2199	rVB	1325316	1899596	55.92%	7.928%
60	16.122	2228	2233	2238	rBV2	126263	190792	5.62%	0.796%
61	16.251	2251	2255	2259	rVB2	69171	97543	2.87%	0.407%
62	16.492	2293	2296	2300	rBV	75274	109257	3.22%	0.456%
63	16.687	2325	2329	2331	rBV4	37388	54913	1.62%	0.229%
64	17.139	2398	2406	2411	rBV	433098	664250	19.55%	2.772%
65	17.345	2437	2441	2450	rBV2	116390	192116	5.66%	0.802%
66	17.557	2474	2477	2482	rVB	101490	146803	4.32%	0.613%
67	17.786	2513	2516	2524	rVB2	99982	157365	4.63%	0.657%
68	18.063	2557	2563	2571	rVB2	217814	448932	13.22%	1.874%
69	18.363	2611	2614	2618	rVB	59794	72616	2.14%	0.303%
70	18.451	2626	2629	2635	rVB2	118346	179152	5.27%	0.748%
71	19.286	2768	2771	2778	rVB4	83460	110264	3.25%	0.460%
72	19.716	2839	2844	2849	rBV	2856781	3397137	100.00%	14.178%
73	20.957	3052	3055	3062	rVB2	87723	105992	3.12%	0.442%
74	21.251	3100	3105	3111	rBV	629721	806865	23.75%	3.368%
75	21.375	3121	3126	3139	rVB	1464718	2017315	59.38%	8.420%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

76	23.610	3500	3506	3514	rVB2	427844	851590	25.07%	3.554%

Sum of corrected areas: 23960017

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
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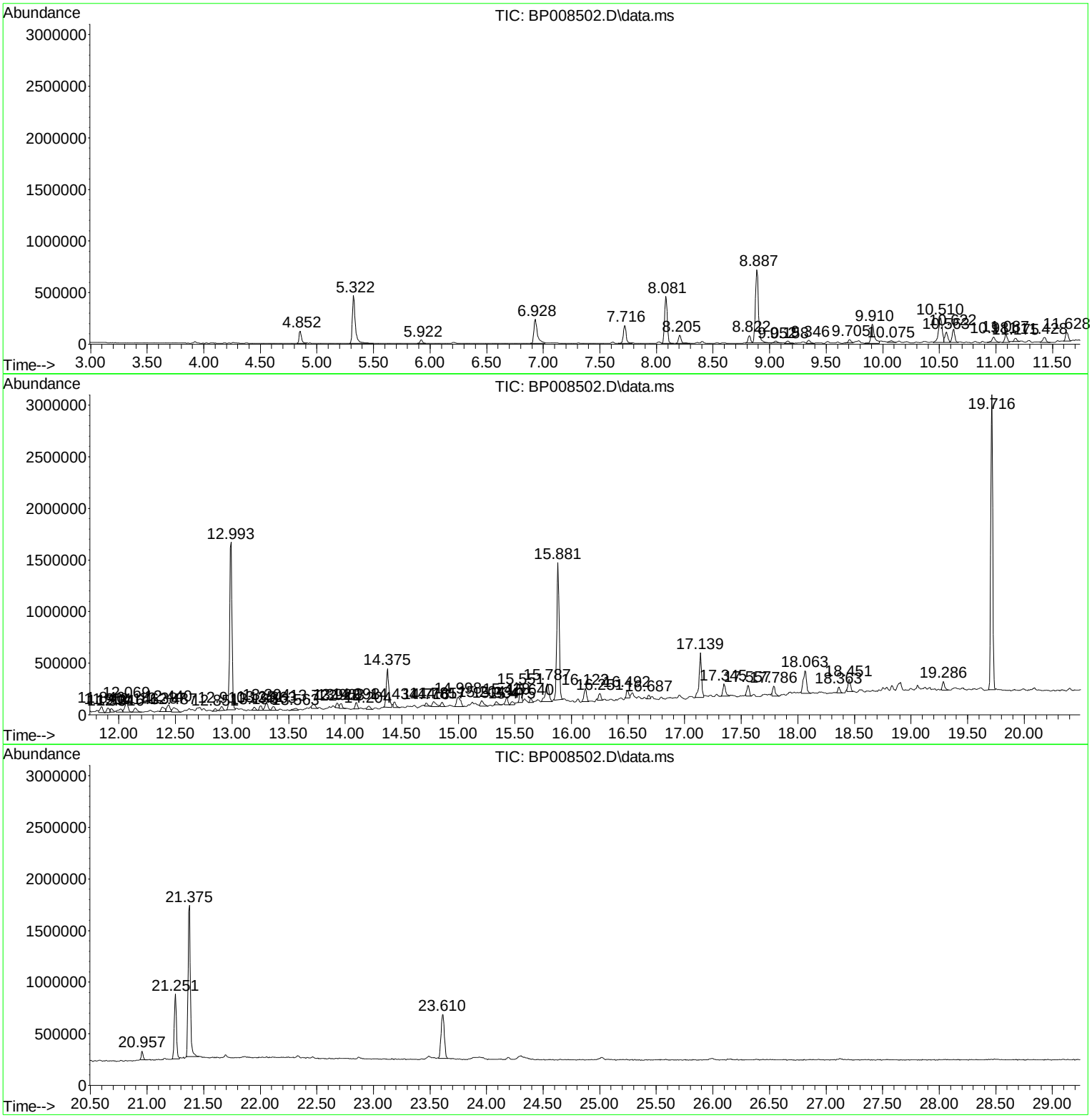
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

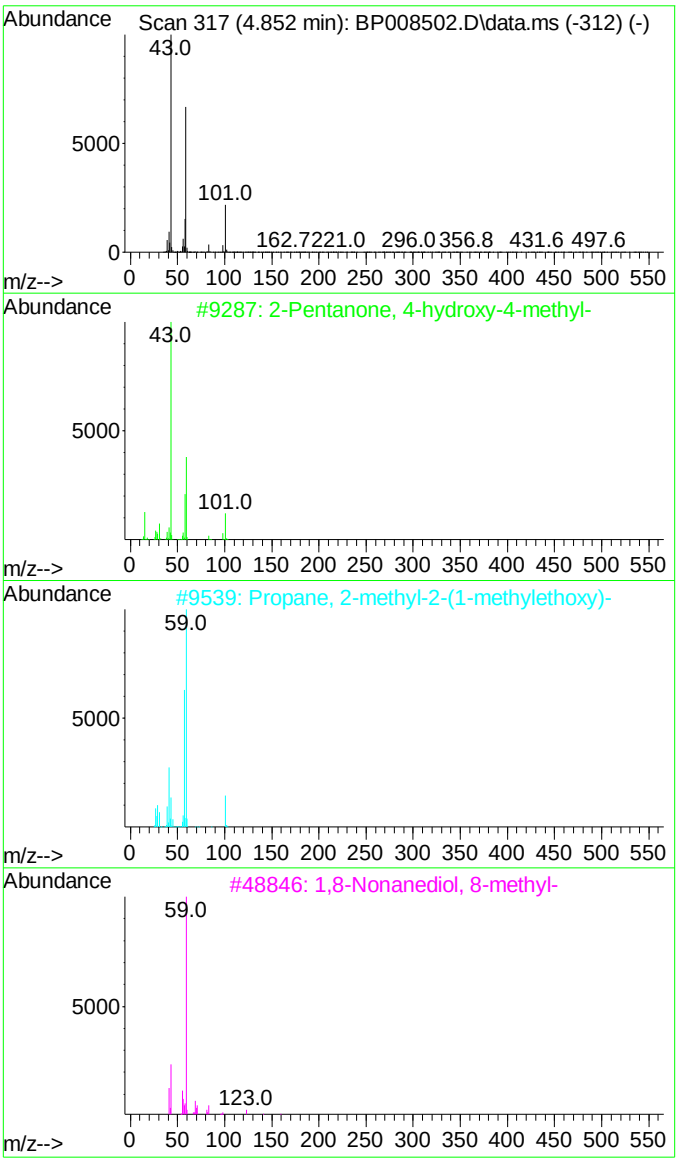
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

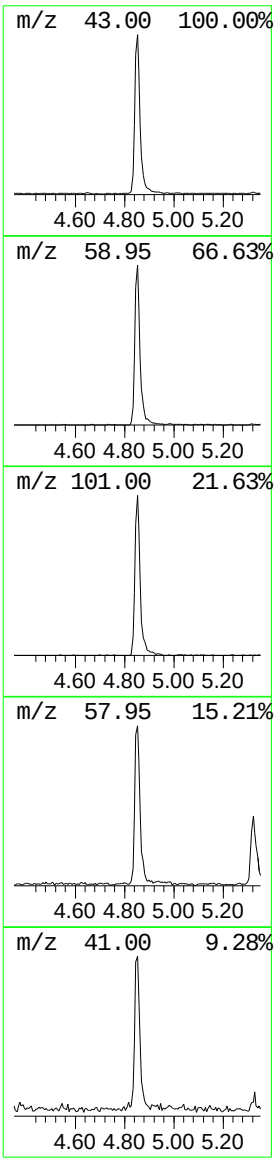
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.852	11.38 ng	172861	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : M5115-09
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

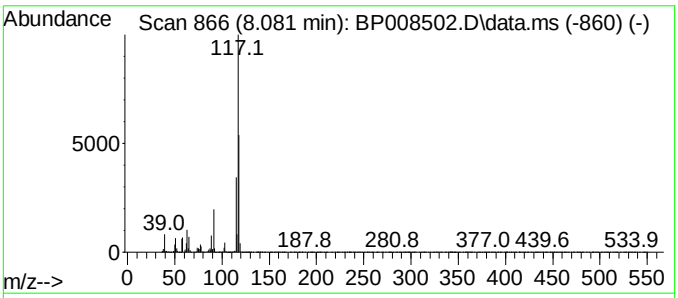
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

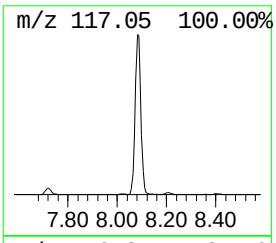
****

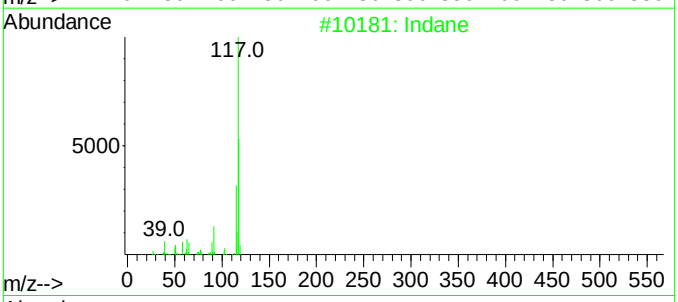
Peak Number 2 Indane Concentration Rank 2

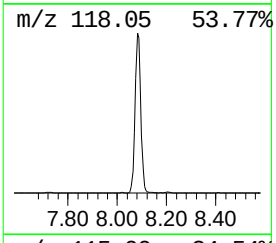
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.081	46.94 ng	712856	1,4-Dichlorobenzene-d4	7.716

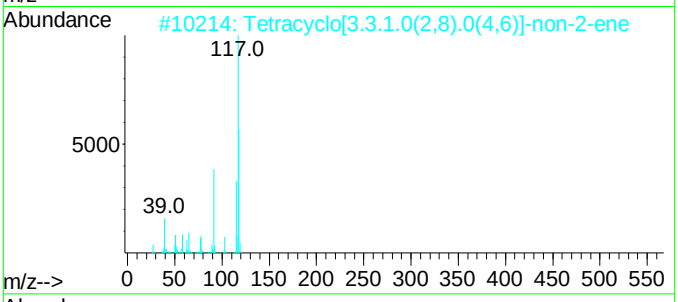
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58

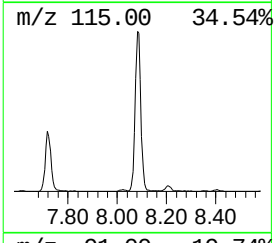


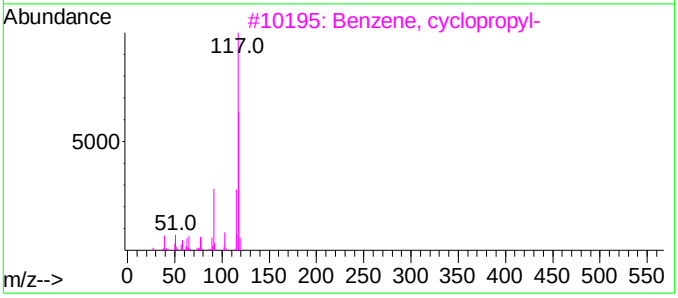


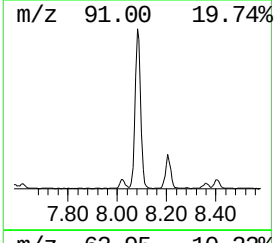


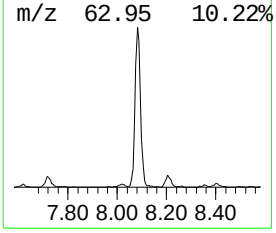












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

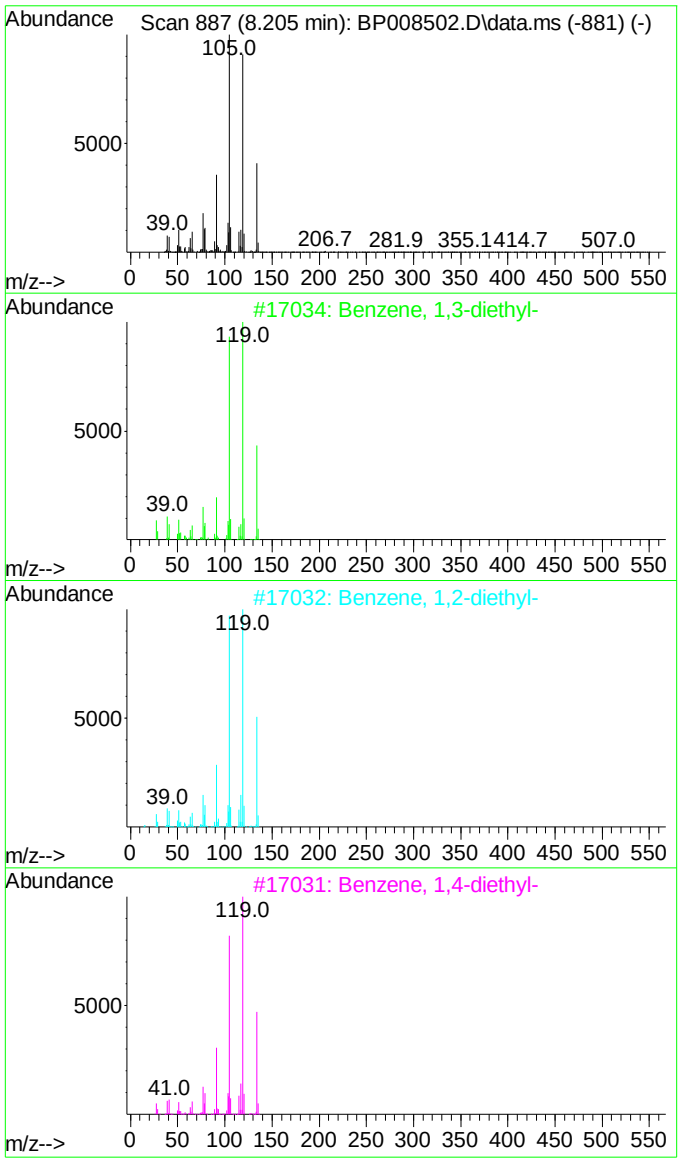
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

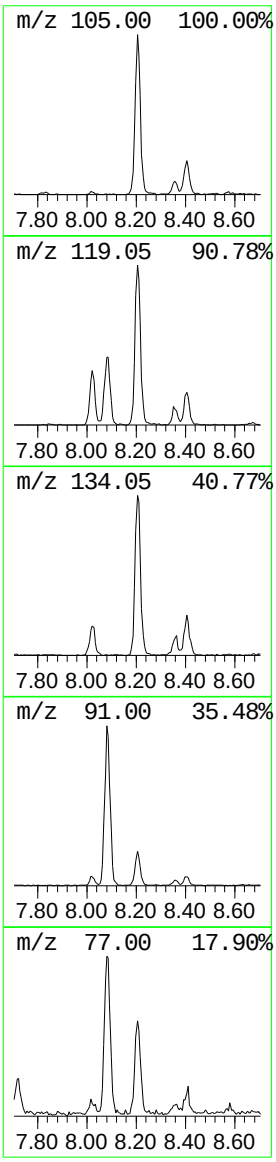
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.205	8.35 ng	126877	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	o-Cymene	134	C10H14	000527-84-4	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
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Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

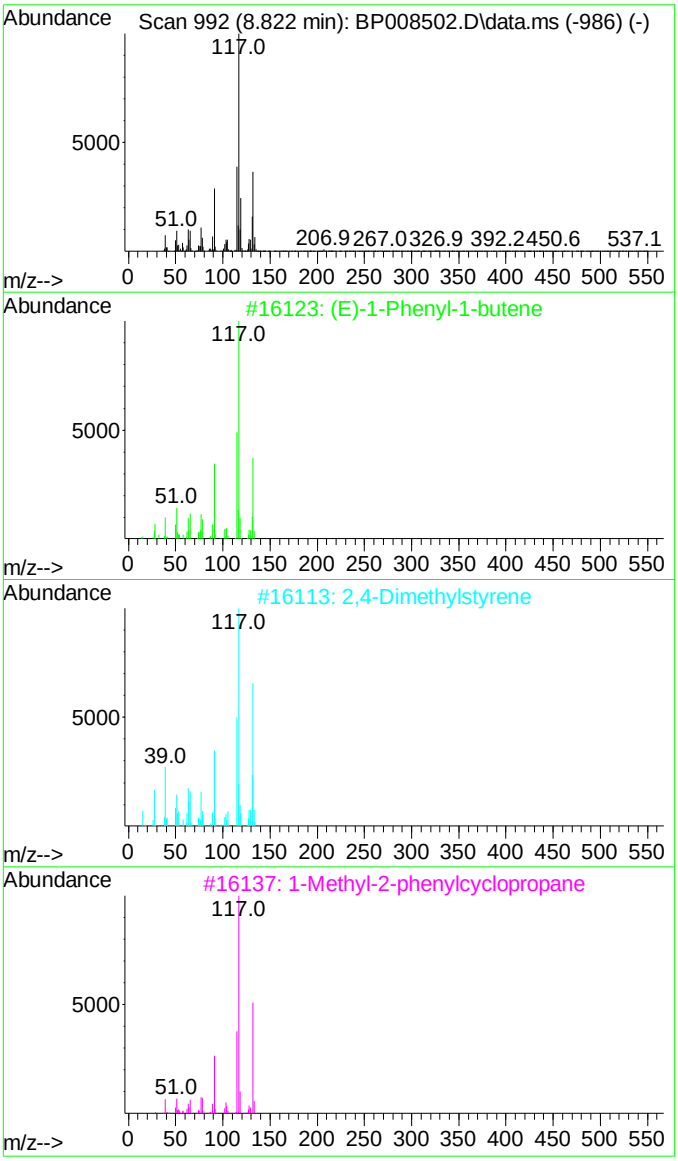
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

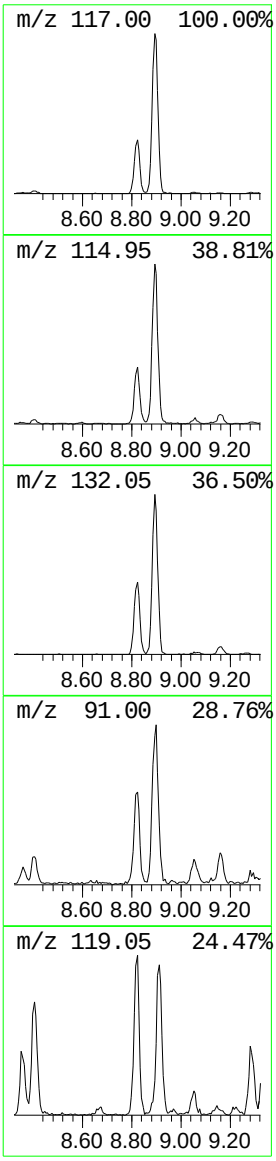
****

Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	7.43 ng	112780	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	89
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





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Data File : BP008502.D
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Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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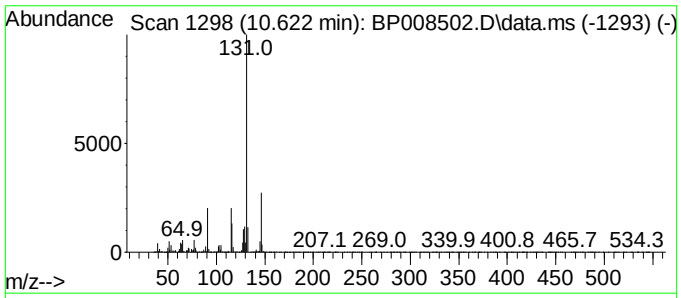
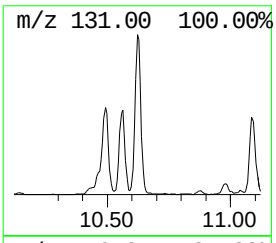
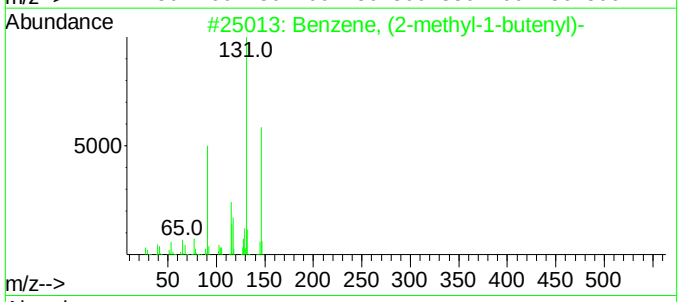
Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

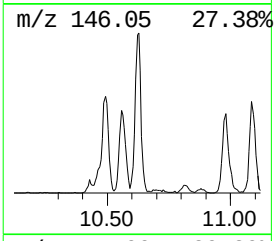
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	7.93 ng	209736	Naphthalene-d8	10.516

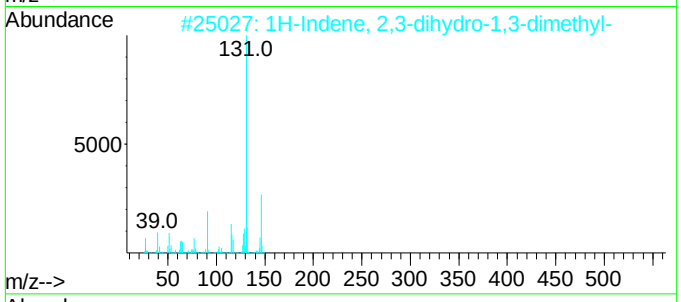
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91

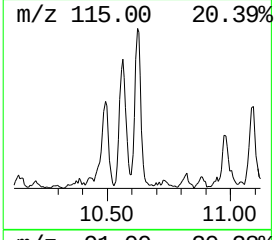


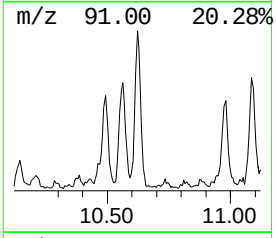


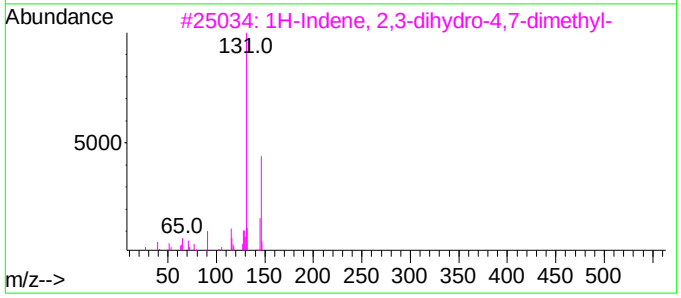


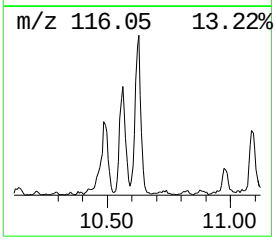












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Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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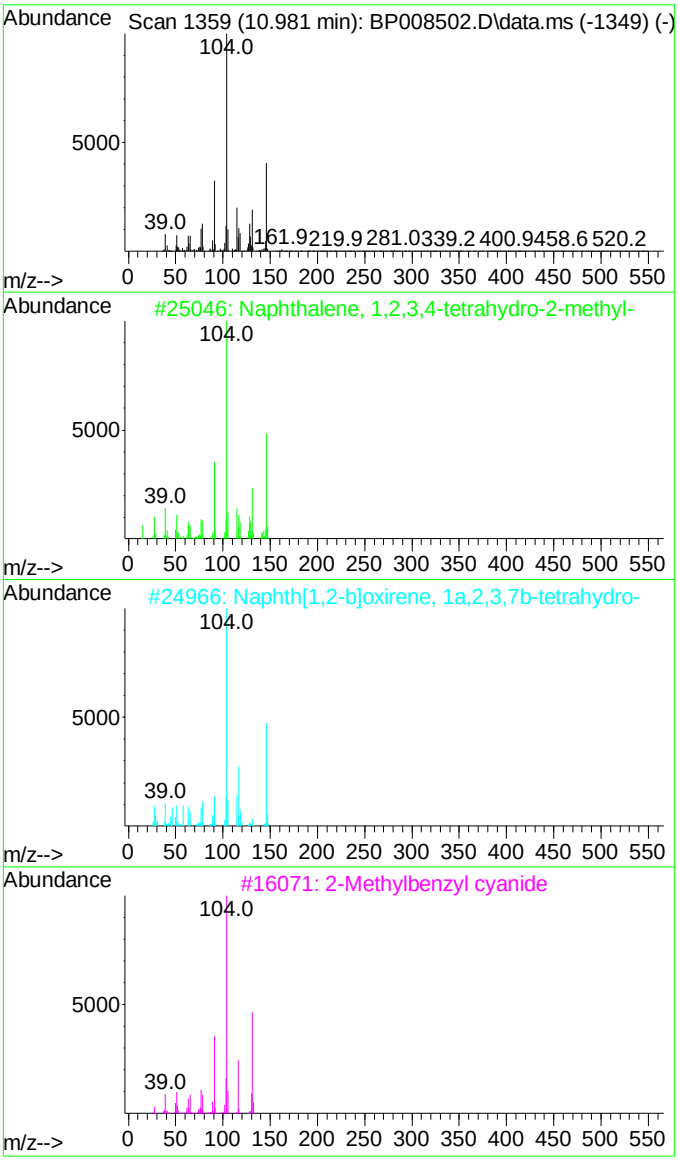
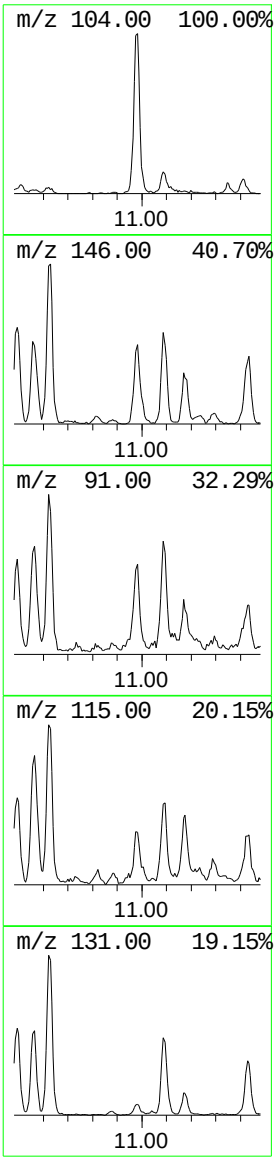
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.981	4.33 ng	114408	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	55
4	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
5	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	43





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Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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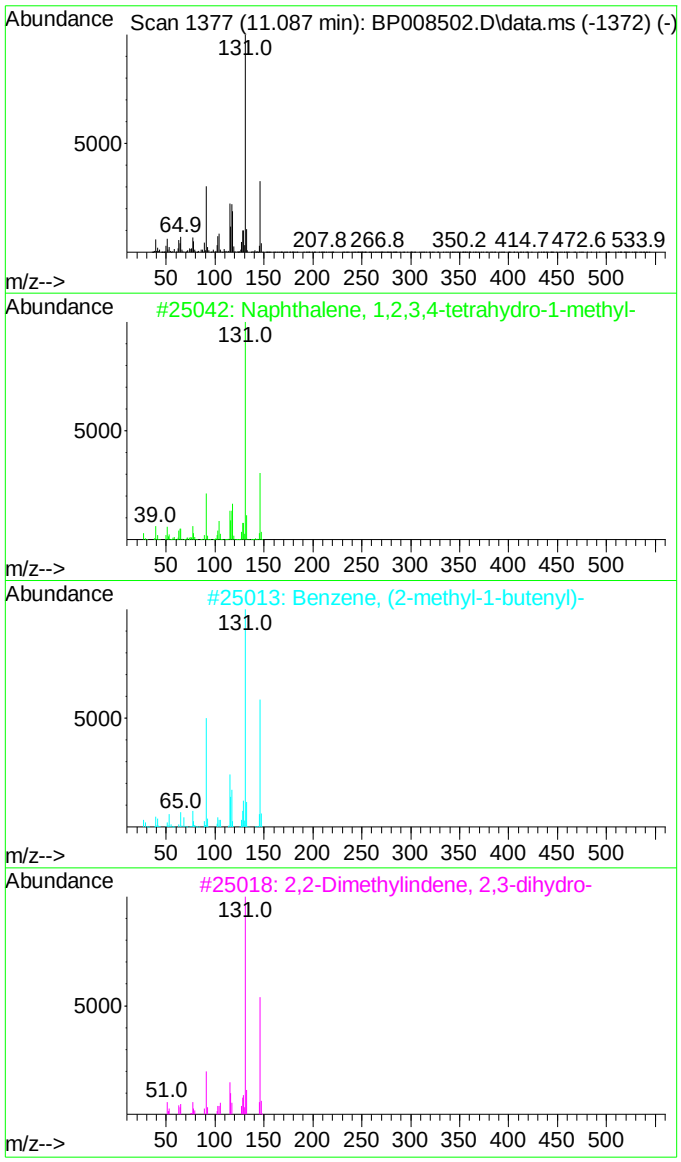
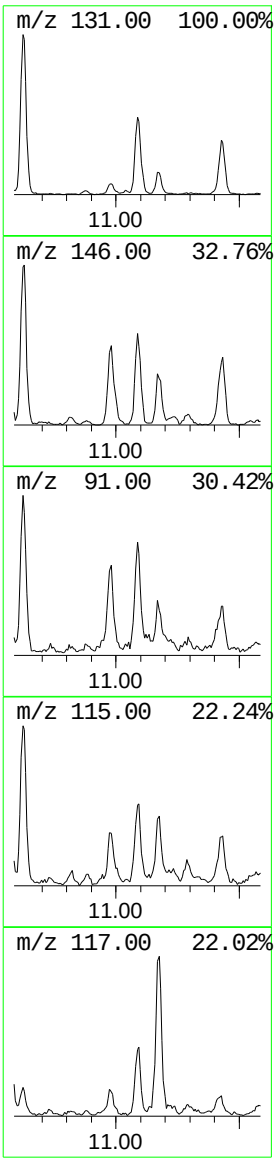
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.087	4.68 ng	123838	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	74





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Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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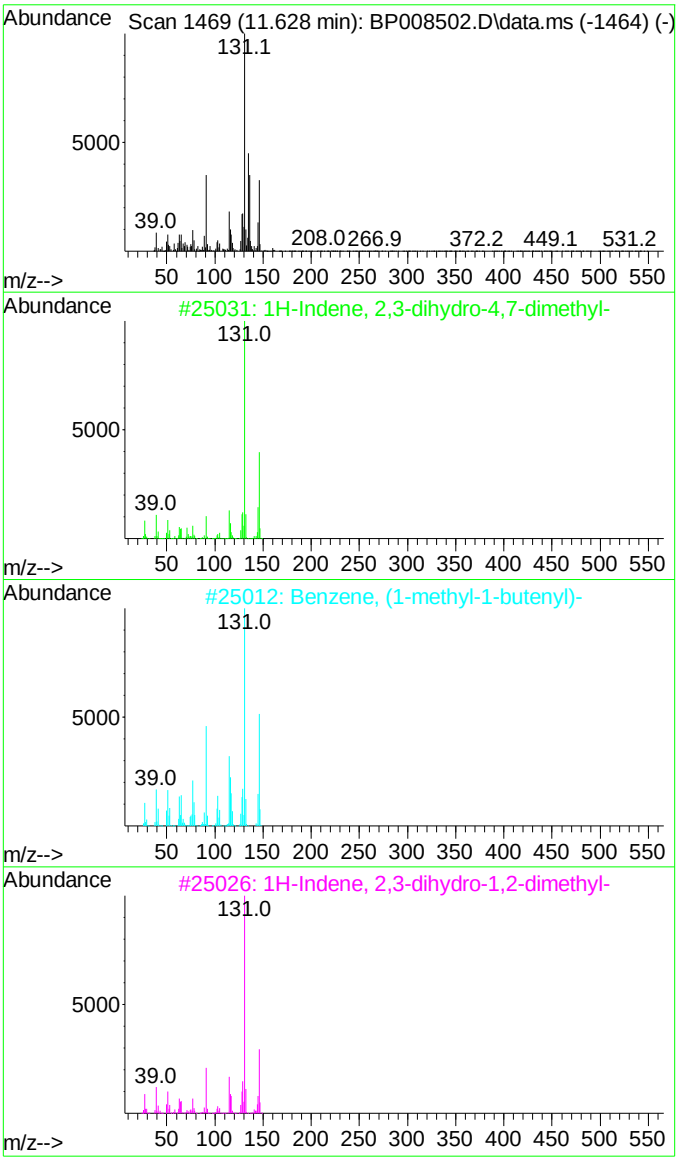
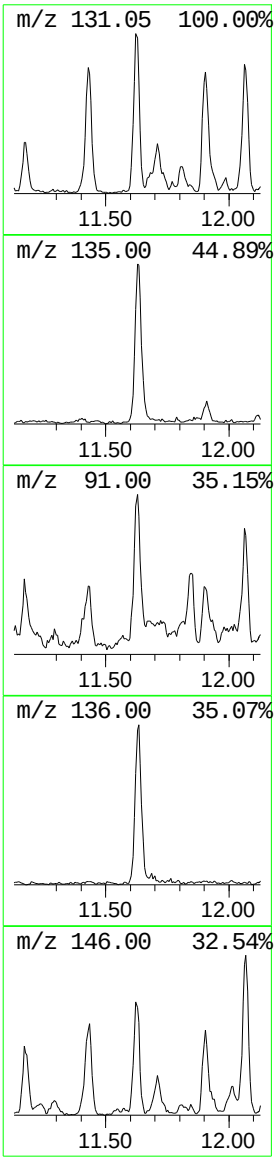
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	5.78 ng	152798	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64





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Data File : BP008502.D
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Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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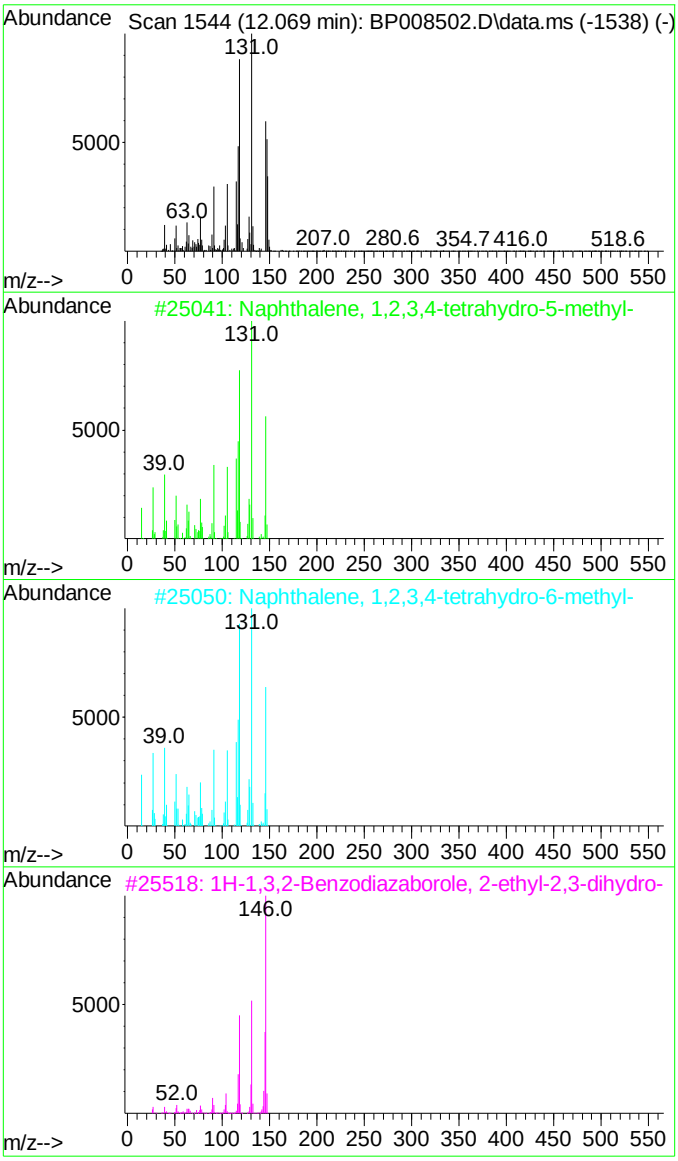
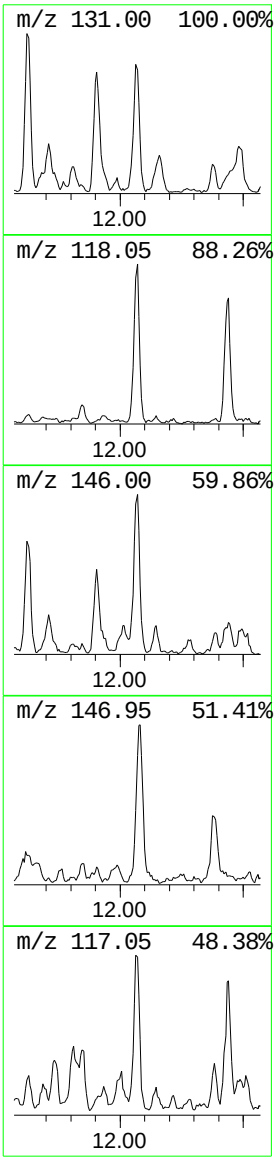
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	7.92 ng	209365	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	58
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45





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Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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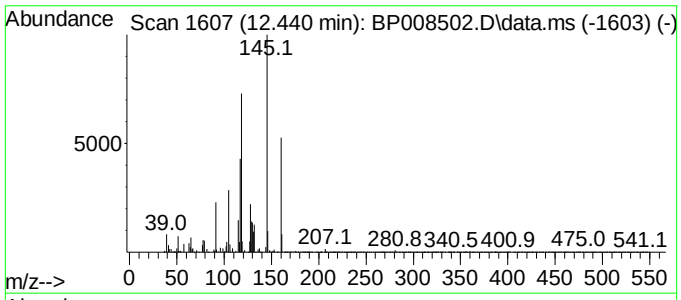
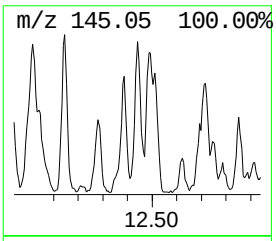
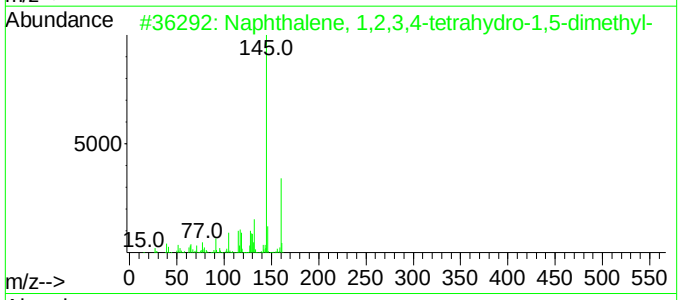
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

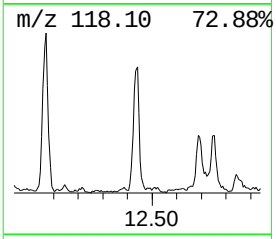
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.440	4.60 ng	121663	Naphthalene-d8	10.516

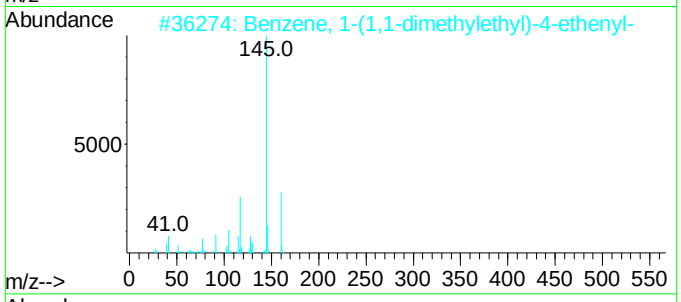
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58

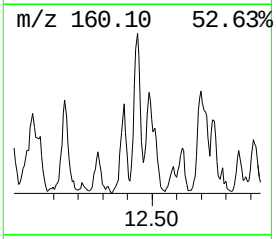


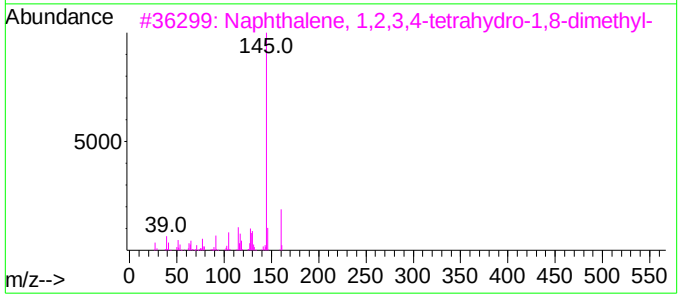


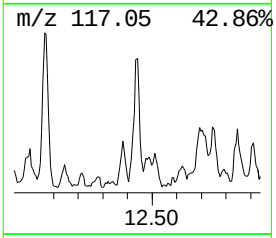


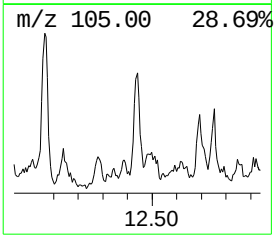












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

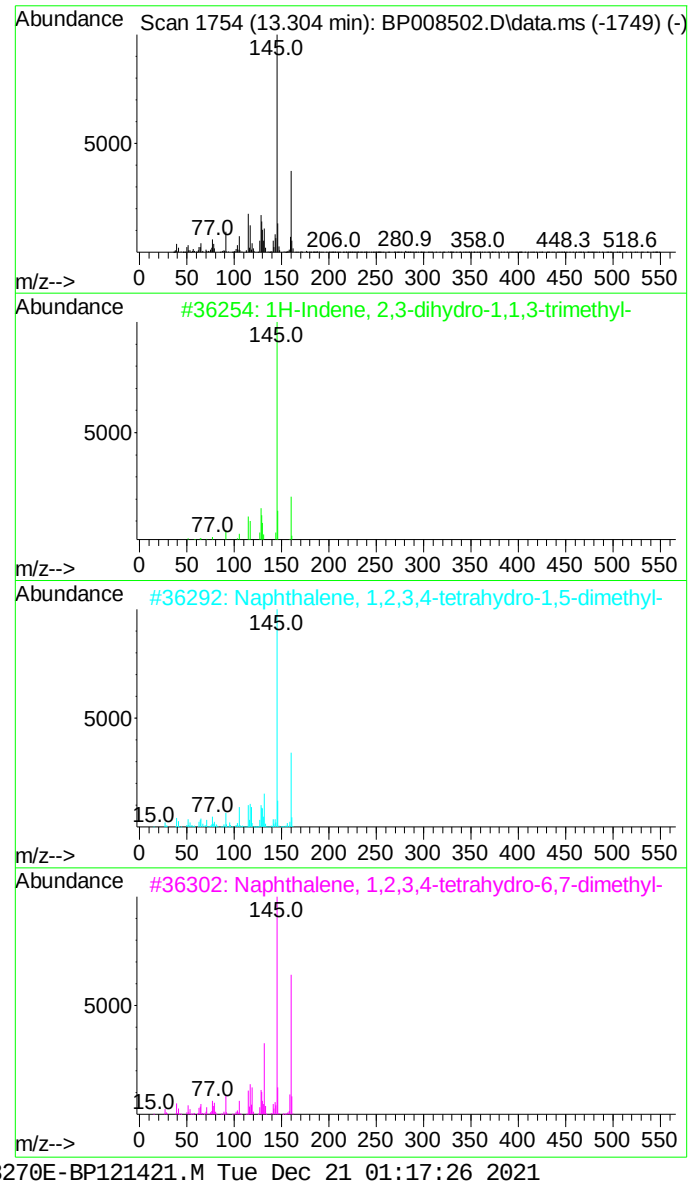
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

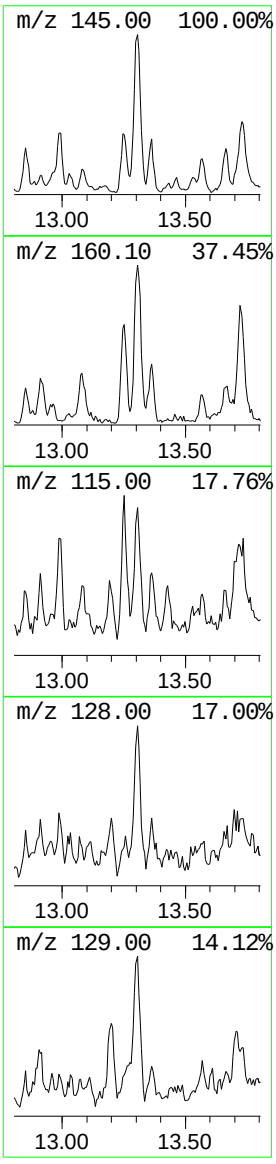
****

Peak Number 11 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	4.47 ng	138144	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87





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Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

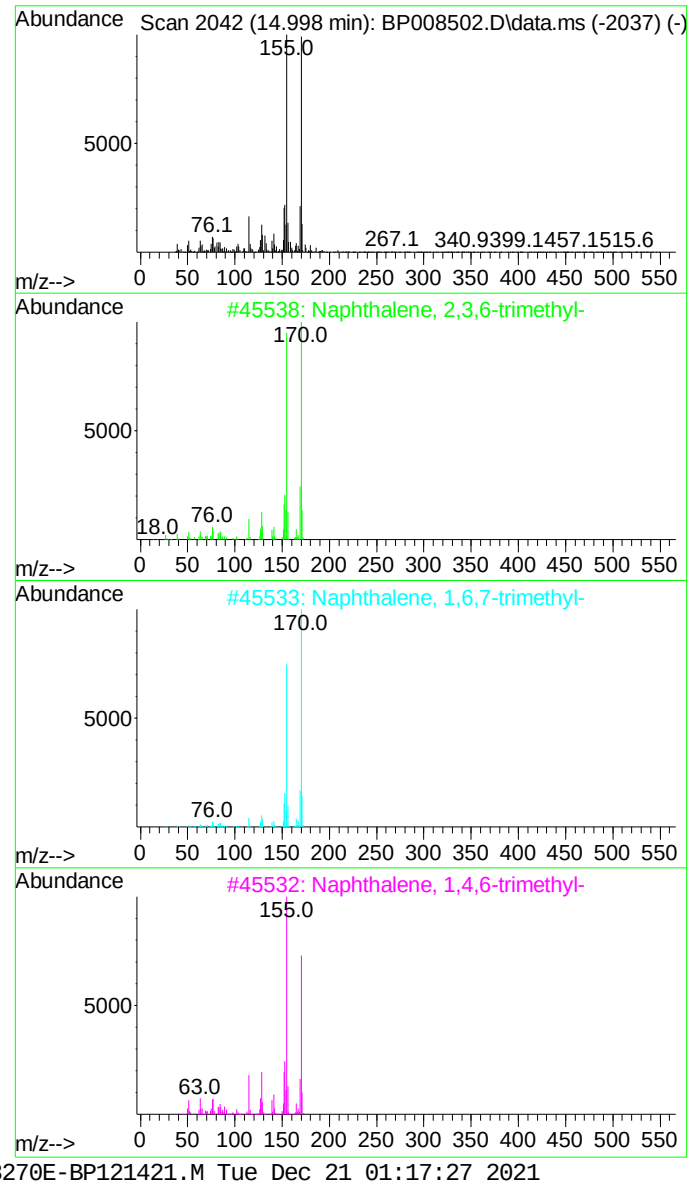
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

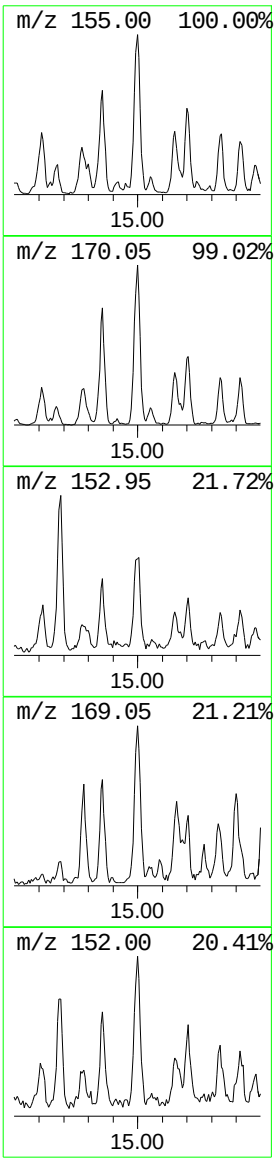
****

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	7.32 ng	226493	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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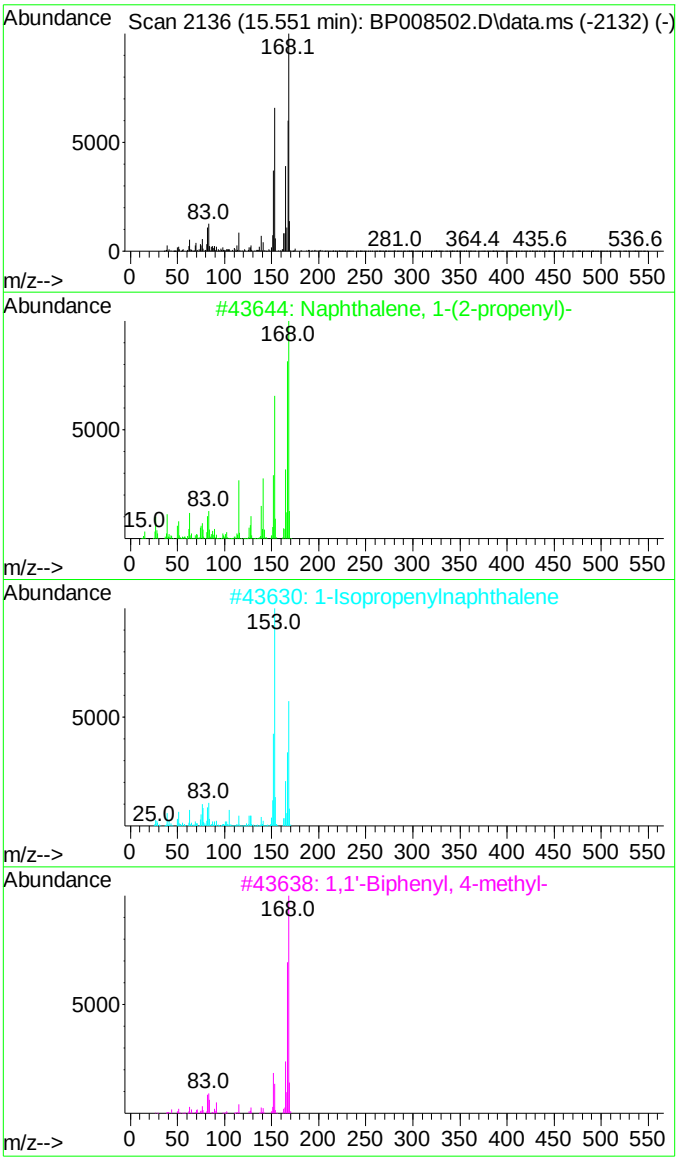
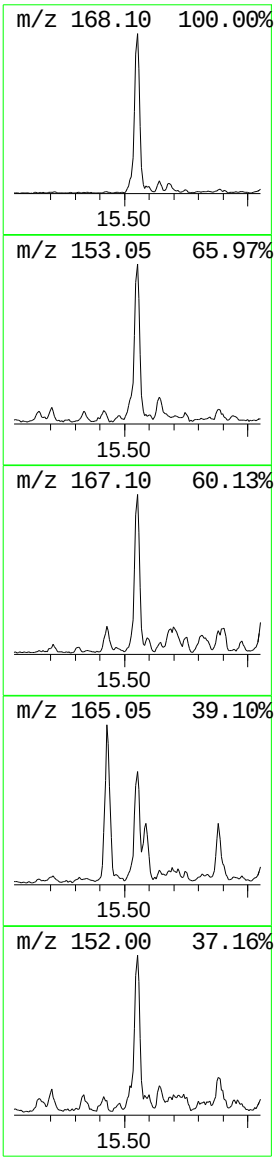
Peak Number 13 Naphthalene, 1-(2-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	6.06 ng	187472	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	68
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

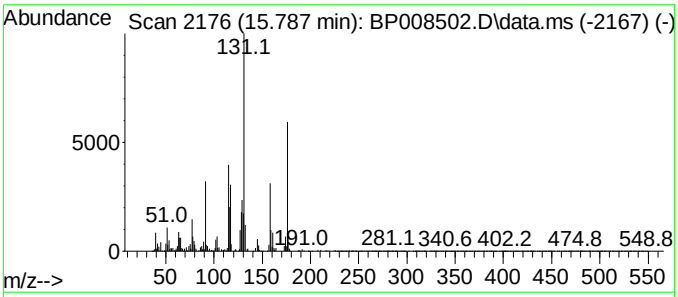
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

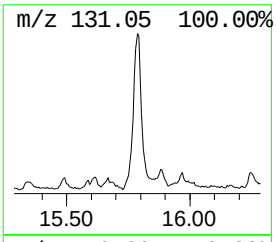
****

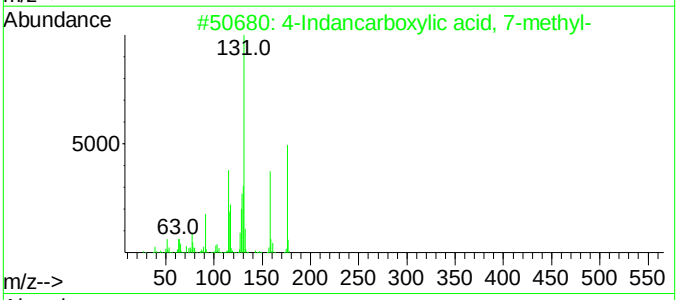
Peak Number 14 4-Indancarboxylic acid, 7-m... Concentration Rank 4

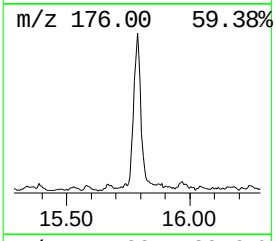
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.787	11.83 ng	392987	Phenanthrene-d10	17.139

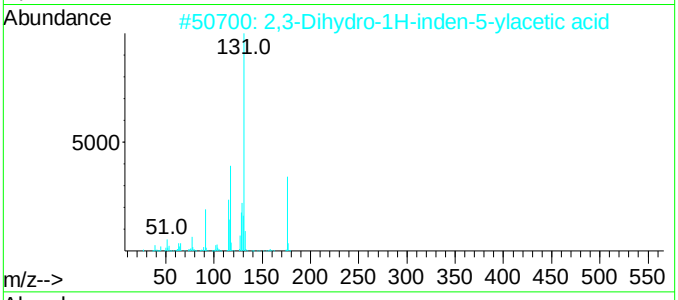
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	95
2	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	70
3	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	64
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	52
5	N,N-Dimethylthiocarbamic acid, 3...	235	C13H17NOS	1000197-43-1	49

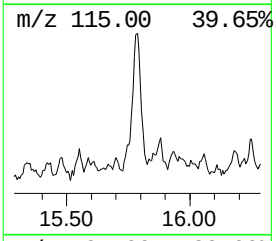


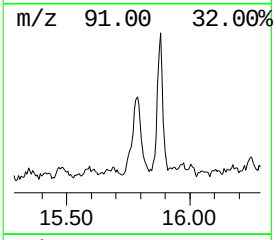


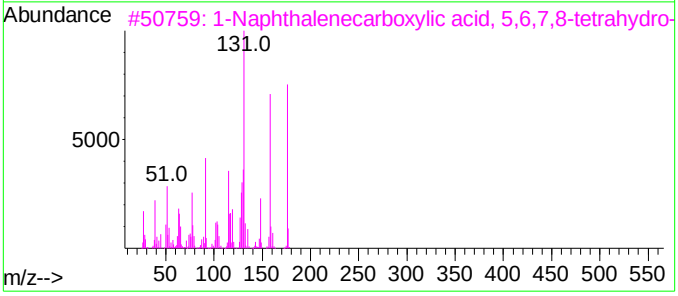


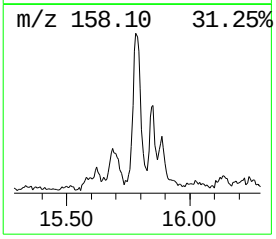












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Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

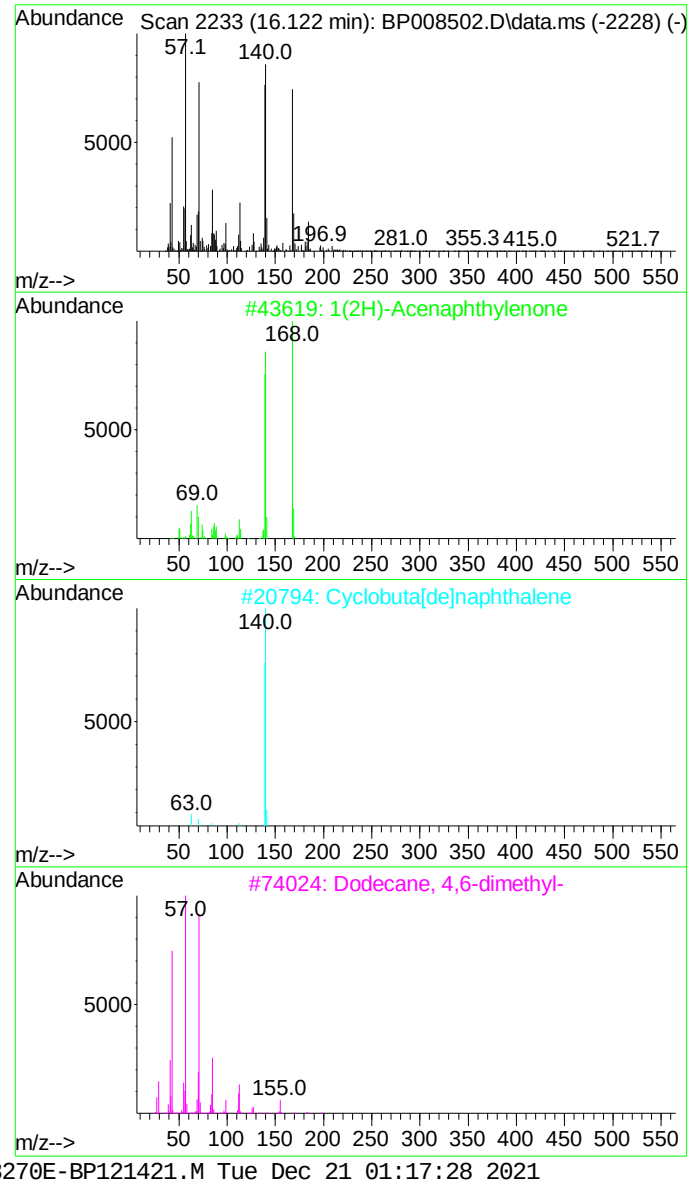
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

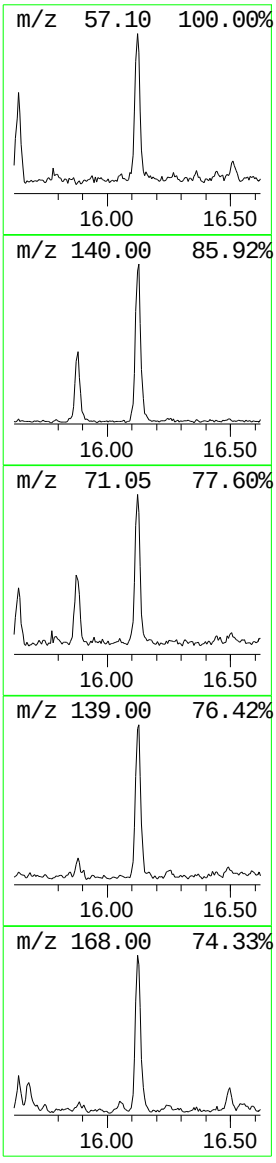
****

Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.122	5.74 ng	190792	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	64
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	25
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	18
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	15





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Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

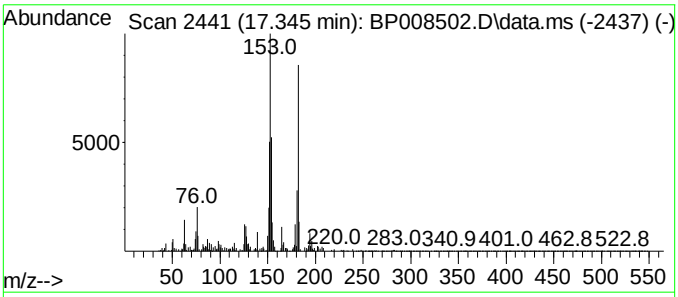
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

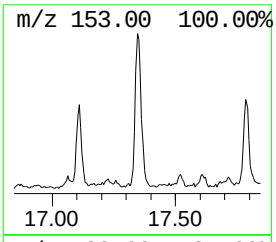
****

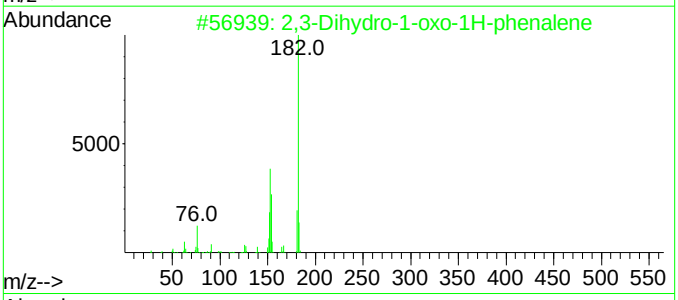
Peak Number 16 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 12

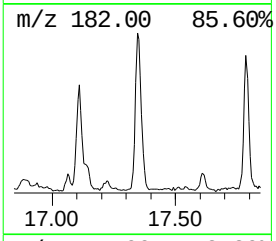
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	5.78 ng	192116	Phenanthrene-d10	17.139

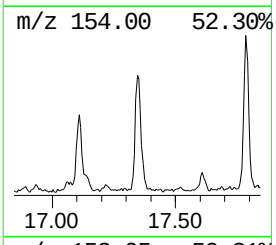
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	93
2	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	45
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	42

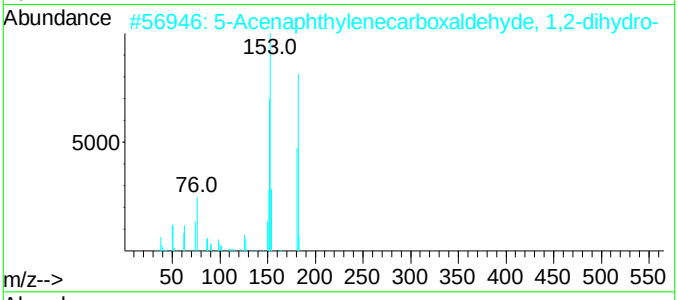


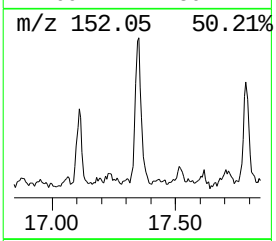


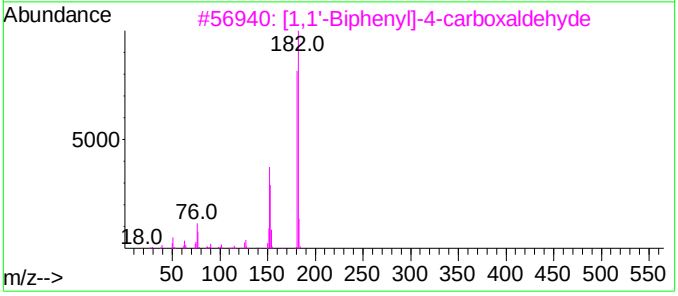


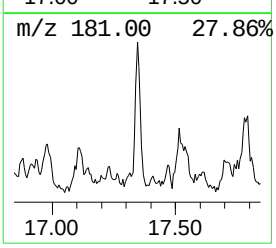












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Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

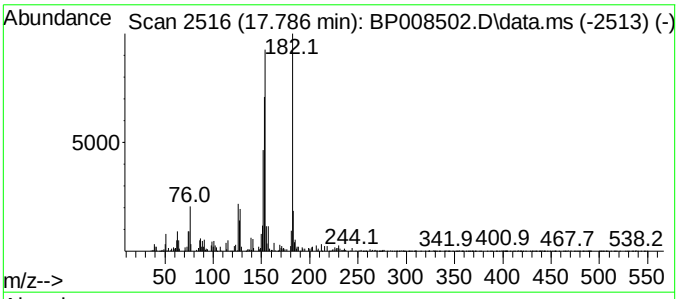
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

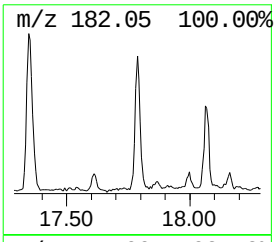
****

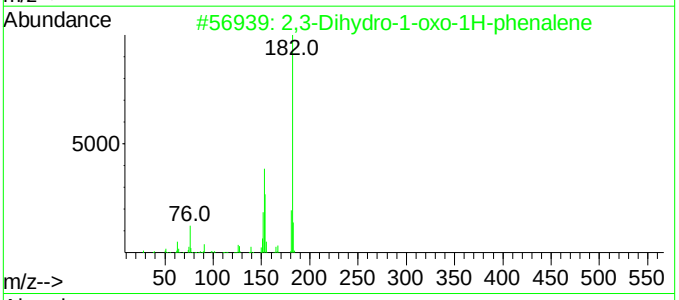
Peak Number 17 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 16

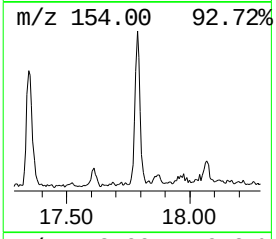
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.787	4.74 ng	157365	Phenanthrene-d10	17.139

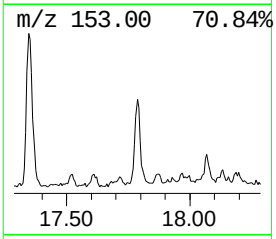
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	62
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	58
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	53
4	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	47
5	Acenaphthene	154	C12H10	000083-32-9	46

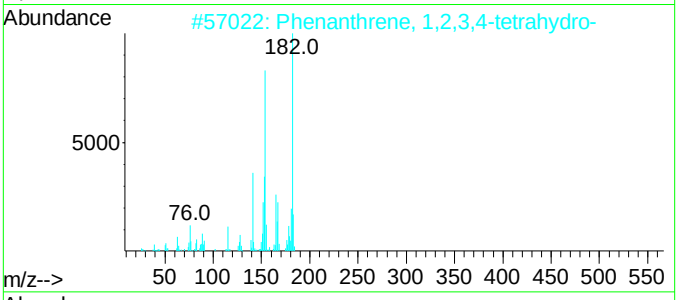


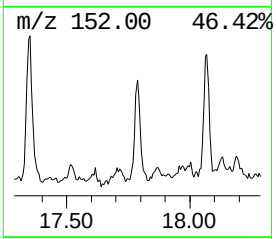


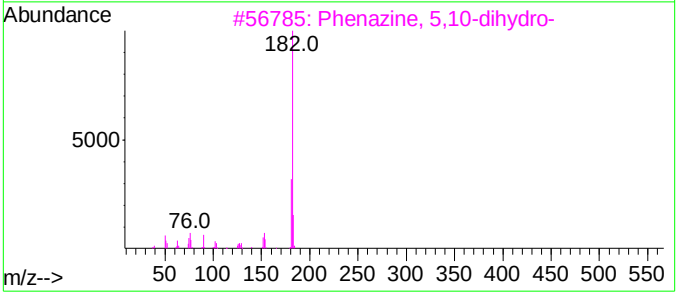


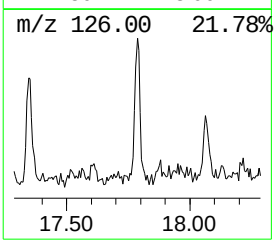












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Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

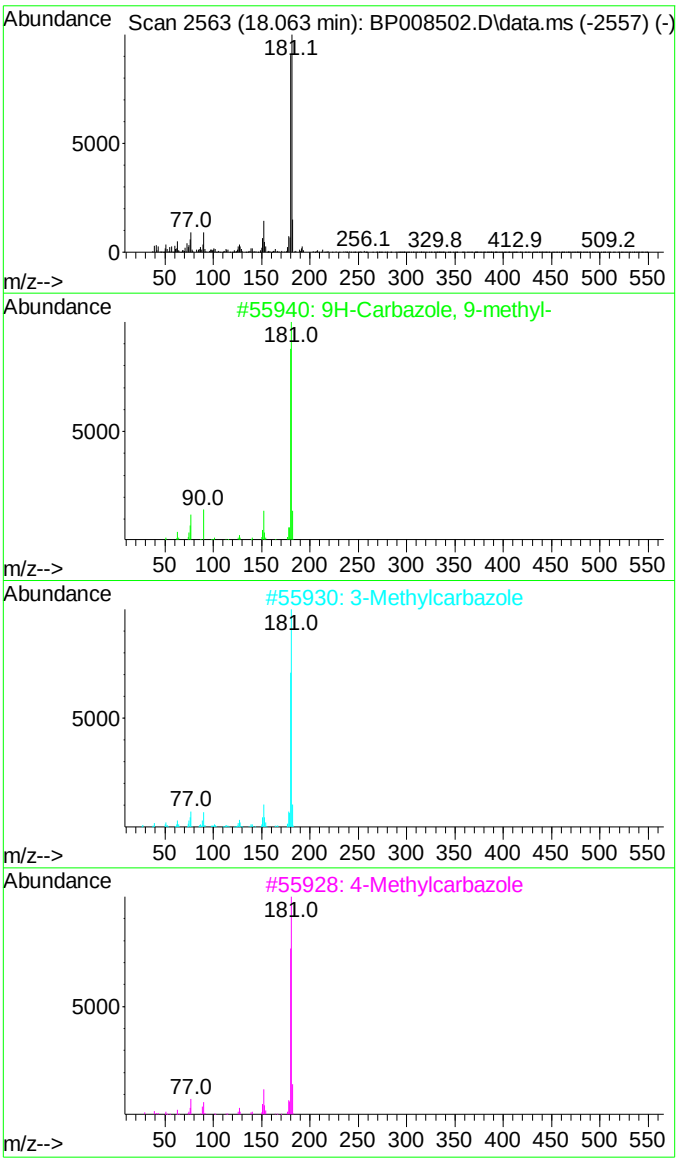
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

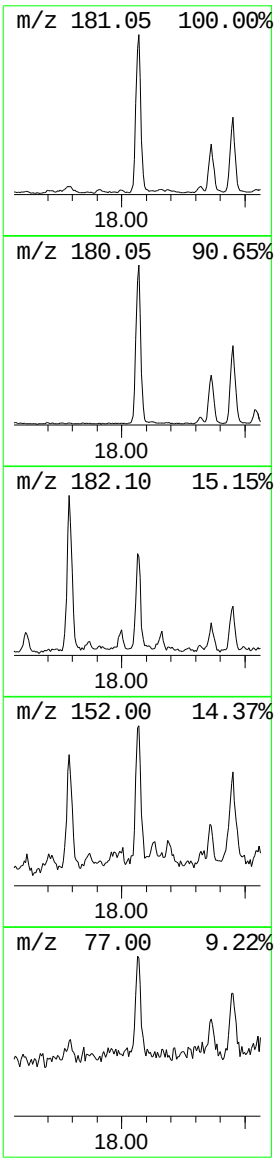
****

Peak Number 18 9H-Carbazole, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	13.52 ng	448932	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2	3-Methylcarbazole	181	C13H11N	004630-20-0	97
3	4-Methylcarbazole	181	C13H11N	003770-48-7	97
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	95





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Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

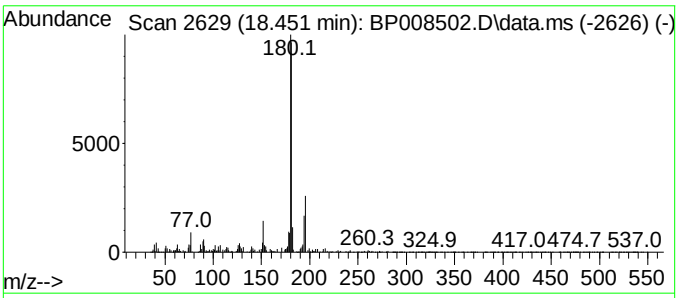
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

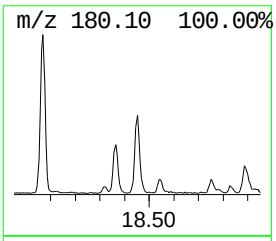
****

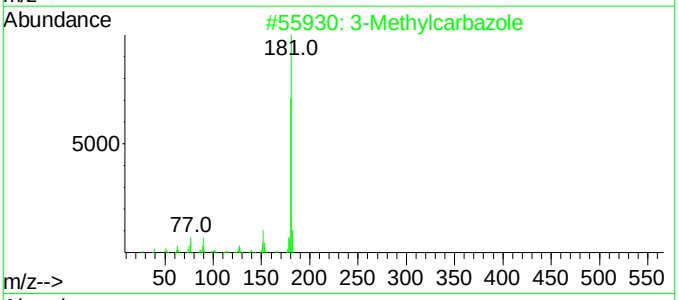
Peak Number 19 3-Methylcarbazole Concentration Rank 15

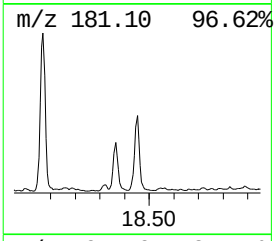
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	5.39 ng	179152	Phenanthrene-d10	17.139

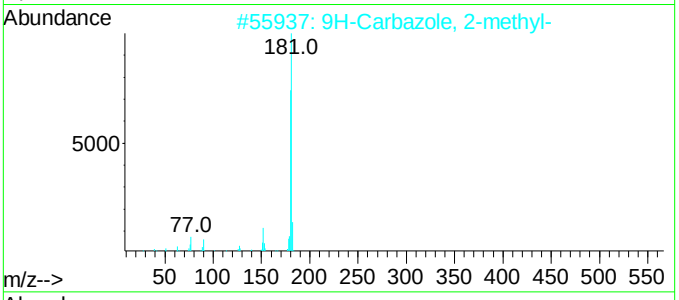
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	93
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
3	4-Methylcarbazole	181	C13H11N	003770-48-7	93
4	1-Methylcarbazole	181	C13H11N	006510-65-2	91
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	83

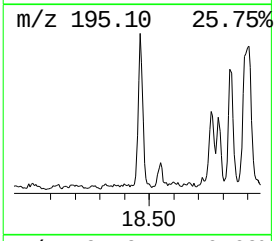


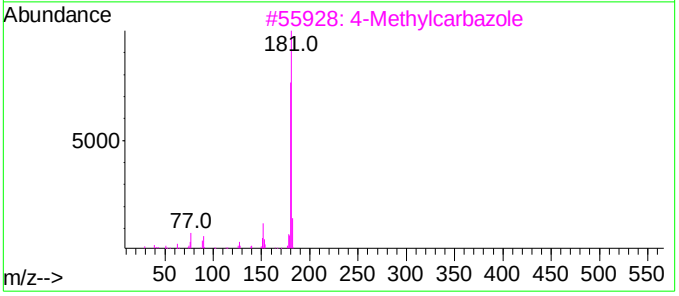


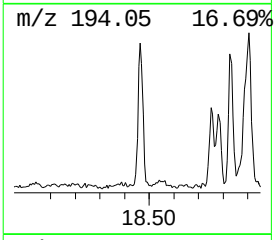


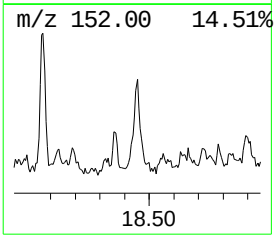












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Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

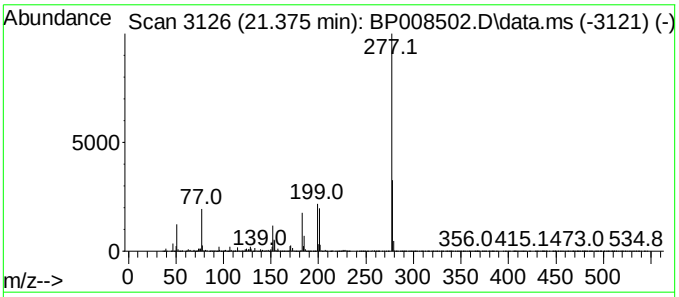
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

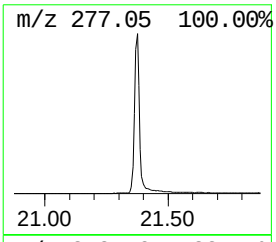
****

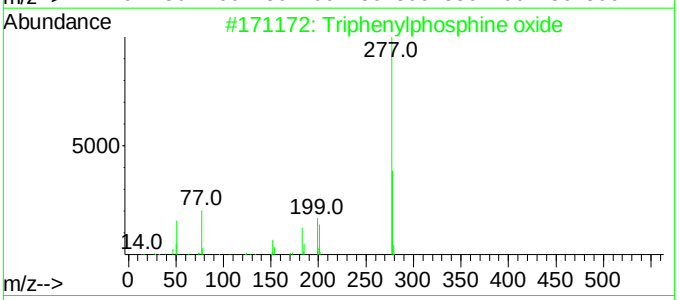
Peak Number 20 Triphenylphosphine oxide Concentration Rank 1

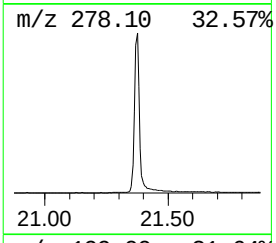
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.375	50.00 ng	2017320	Chrysene-d12	21.251

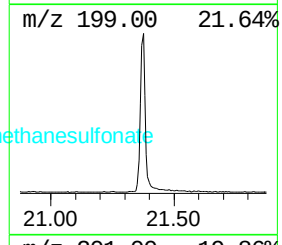
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	62
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25

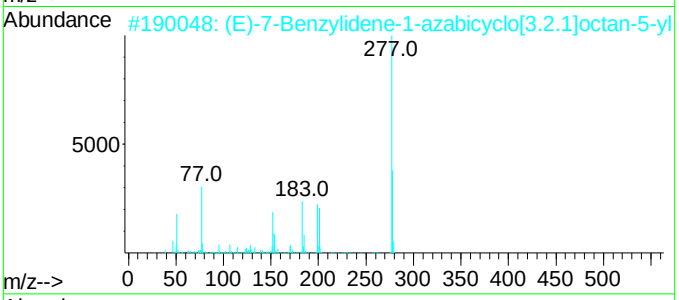


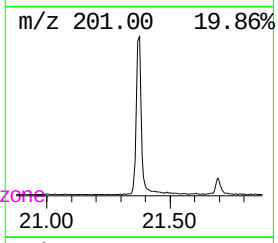


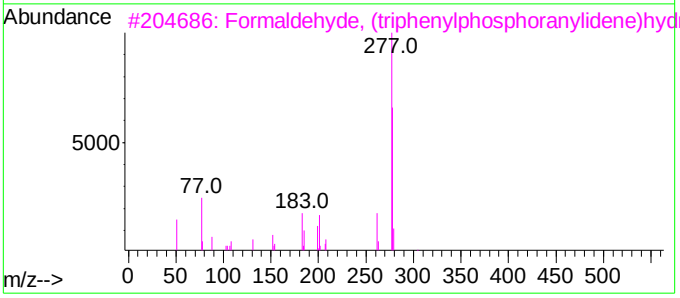


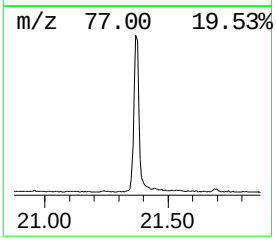












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008502.D
Acq On : 18 Dec 2021 22:38
Operator : CG/JU
Sample : M5115-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.852	11.4	ng	172861	1	7.716	303749	20.0
Indane	8.081	46.9	ng	712856	1	7.716	303749	20.0
Benzene, 1,3-di...	8.205	8.3	ng	126877	1	7.716	303749	20.0
(E)-1-Phenyl-1-...	8.822	7.4	ng	112780	1	7.716	303749	20.0
Benzene, (2-met...	10.622	7.9	ng	209736	2	10.516	528893	20.0
Naphthalene, 1,...	10.981	4.3	ng	114408	2	10.516	528893	20.0
Naphthalene, 1,...	11.087	4.7	ng	123838	2	10.516	528893	20.0
1H-Indene, 2,3-...	11.628	5.8	ng	152798	2	10.516	528893	20.0
Naphthalene, 1,...	12.069	7.9	ng	209365	2	10.516	528893	20.0
Naphthalene, 1,...	12.440	4.6	ng	121663	2	10.516	528893	20.0
1H-Indene, 2,3-...	13.304	4.5	ng	138144	3	14.375	618534	20.0
Naphthalene, 2,...	14.998	7.3	ng	226493	3	14.375	618534	20.0
Naphthalene, 1-...	15.551	6.1	ng	187472	3	14.375	618534	20.0
4-Indancarboxyl...	15.787	11.8	ng	392987	4	17.139	664250	20.0
1(2H)-Acenaphth...	16.122	5.7	ng	190792	4	17.139	664250	20.0
2,3-Dihydro-1-o...	17.345	5.8	ng	192116	4	17.139	664250	20.0
Phenanthrene, 1...	17.787	4.7	ng	157365	4	17.139	664250	20.0
9H-Carbazole, 9...	18.063	13.5	ng	448932	4	17.139	664250	20.0
3-Methylcarbazole	18.451	5.4	ng	179152	4	17.139	664250	20.0
Triphenylphosph...	21.375	50.0	ng	2017320	5	21.251	806865	20.0