LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

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_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	10	13	21	rVB2	27587	40115	1.87%	0.144%
2	3.857	295	301	306	rVB	40757	56438	2.64%	0.203%
3	5.010	492	497	505	rVB	648467	658489	30.75%	2.369%
4	5.292	541	545	548	rBV	190743	172240	8.04%	0.620%
5	5.422	559	567	576	rBV2	1733843	2141265	100.00%	7.702%
6	5.663	605	608	613	rVB	222814	218356	10.20%	0.785%
7	5.728	616	619	624	rBV	62512	64651	3.02%	0.233%
8	5.828	633	636	643	rBV2	97020	105930	4.95%	0.381%
9	5.981	658	662	666	rVB3	51236	74721	3.49%	0.269%
10	6.069	674	677	680	rVV2	98953	111354	5.20%	0.401%
11	6.128	684	687	689	rBV	66955	53873	2.52%	0.194%
12	6.263	704	710	711	rBV	77528	91300	4.26%	0.328%
13	6.281	711	713	715	rVV	95029	74358	3.47%	0.267%
14	6.322	718	720	722	rVV	82690	67981	3.17%	0.245%
15	6.345	722	724	727	rVV2	258749	287161	13.41%	1.033%
16	6.375	727	729	732	rVB	175503	139048	6.49%	0.500%
17	6.434	732	739	744	rBV2	1465744	1620156	75.66%	5.828%
18	6.504	747	751	753	rVV2	111926	105776	4.94%	0.380%
19	6.563	757	761	766	rBV3	77580	137992	6.44%	0.496%
20	6.645	772	775	776	rBV	488262	446273	20.84%	1.605%
21	6.657	776	777	780	rVB	324085	224205	10.47%	0.806%
22	6.763	791	795	797	rBV3	37966	54144	2.53%	0.195%
23	6.816	801	804	806	rVV	1178415	953188	44.52%	3.429%
24	6.839	806	808	811	rVB2	249077	202278	9.45%	0.728%
25	6.875	811	814	818	rBV	255329	232858	10.87%	0.838%
26	6.939	823	825	828	rVV	56235	60089	2.81%	0.216%
27	6.969	828	830	833	rVV	153015	132157	6.17%	0.475%
28	6.998	833	835	838	rVB2	177742	147949	6.91%	0.532%
29	7.057	842	845	846	rBV2	38770	38575	1.80%	0.139%
30	7.098	849	852	855	rVB2	196939	197218	9.21%	0.709%
31	7.133	855	858	861	rBV2	139598	162772	7.60%	0.585%
32	7.163	861	863	867	rVB2	149814	127183	5.94%	0.457%
33	7.210	867	871	875	rBV2	188463	197828	9.24%	0.712%
34	7.251	875	878	882	rVB5	38843	47819	2.23%	0.172%
35	7.375	890	899	901	rBV	924284	1047348	48.91%	3.767%
36	7.422	904	907	910	rVB	591823	464460	21.69%	1.671%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

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_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.469	910	915	918	rVB4	105813	165725	7.74%	0.596%
38	7.504	918	921	923	rBV3	42735	61732	2.88%	0.222%
39	7.533	923	926	929	rVB2	68117	68033	3.18%	0.245%
40	7.586	931	935	936	rBV3	53890	58303	2.72%	0.210%
41	7.610	936	939	941	rBV2	54036	67912	3.17%	0.244%
42	7.722	956	958	960	rBV2	49297	40958	1.91%	0.147%
43	7.745	960	962	966	rVB3	70165	73009	3.41%	0.263%
44	7.786	966	969	972	rVB2	52522	62220	2.91%	0.224%
45	7.822	972	975	977	rBV2	62262	55824	2.61%	0.201%
46	7.857	977	981	986	rVB3	77332	111802	5.22%	0.402%
47	7.922	990	992	997	rVB4	34172	39986	1.87%	0.144%
48	7.969	997	1000	1005	rBV3	23270	37674	1.76%	0.136%
49	8.098	1017	1022	1024	rBV	1336202	1195492	55.83%	4.300%
50	8.116	1024	1025	1030	rVV	110883	97947	4.57%	0.352%
51	8.169	1030	1034	1036	rVB	85893	71709	3.35%	0.258%
52	8.527	1091	1095	1097	rBV	49493	43592	2.04%	0.157%
53	8.698	1120	1124	1127	rVB	72980	57851	2.70%	0.208%
54	8.857	1147	1151	1157	rBV3	18607	37374	1.75%	0.134%
55	9.175	1201	1205	1214	rBV	1241103	1148421	53.63%	4.131%
56	9.263	1217	1220	1224	rVB2	66222	62748	2.93%	0.226%
57	9.710	1293	1296	1299	rBV	36964	38264	1.79%	0.138%
58	9.851	1315	1320	1324	rBV	1135980	968253	45.22%	3.483%
59	9.880	1324	1325	1329	rVB	53023	41246	1.93%	0.148%
60	10.398	1410	1413	1419	rBV	81213	86665	4.05%	0.312%
61	10.486	1425	1428	1430	rBV2	103302	119405	5.58%	0.430%
62	10.510	1430	1432	1438	rVV2	82885	149513	6.98%	0.538%
63	10.557	1438	1440	1444	rVB3	34896	36517	1.71%	0.131%
64	10.633	1449	1453	1459	rBV	623422	626633	29.26%	2.254%
65	10.763	1472	1475	1476	rBV2	53980	47047	2.20%	0.169%
66	11.239	1553	1556	1563	rVB2	53307	83305	3.89%	0.300%
67	11.298	1563	1566	1569	rBV4	30421	39207	1.83%	0.141%
68	11.333	1569	1572	1574	rVV	1052702	866412	40.46%	3.116%
69	11.357	1574	1576	1579	rVV	565827	435201	20.32%	1.565%
70	11.410	1582	1585	1588	rVB	126513	114482	5.35%	0.412%
71	11.445	1588	1591	1595	rBV4	29278	38697	1.81%	0.139%
72	11.633	1621	1623	1627	rBV3	34575	39159	1.83%	0.141%
73	11.833	1655	1657	1660	rBV	75341	71829	3.35%	0.258%
74	11.863	1660	1662	1666	rBV	180855	162551	7.59%	0.585%
75	11.910	1666	1670	1673	rBV2	55007	69508	3.25%	0.250%
76	11.945	1673	1676	1679	rBV	151973	181315	8.47%	0.652%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

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_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.045	1689	1693	1695	rBV3	41825	47335	2.21%	0.170%
78	12.086	1697	1700	1703	rVV3	93417	92604	4.32%	0.333%
79	12.133	1705	1708	1713	rVV2	72847	110738	5.17%	0.398%
80	12.198	1716	1719	1725	rVB	152436	156326	7.30%	0.562%
81	12.286	1731	1734	1737	rVB	401345	319407	14.92%	1.149%
82	12.363	1744	1747	1750	rBV	356685	361550	16.88%	1.300%
83	12.468	1763	1765	1769	rBV3	52173	62208	2.91%	0.224%
84	12.545	1775	1778	1781	rBV	850435	699541	32.67%	2.516%
85	12.592	1781	1786	1792	rVV	546159	519104	24.24%	1.867%
86	12.774	1812	1817	1820	rBV	765261	731440	34.16%	2.631%
87	12.892	1835	1837	1838	rBV	58484	40653	1.90%	0.146%
88	12.921	1838	1842	1849	rVB	1135175	1076726	50.28%	3.873%
89	13.104	1870	1873	1876	rVB	173392	165448	7.73%	0.595%
90	13.168	1881	1884	1887	rBV2	128848	123498	5.77%	0.444%
91	13.204	1887	1890	1893	rBV2	161678	188638	8.81%	0.679%
92	13.298	1904	1906	1909	rVB	90335	67016	3.13%	0.241%
93	13.327	1909	1911	1914	rBV3	71941	70282	3.28%	0.253%
94	13.968	2016	2020	2023	rBV2	1550269	1939160	90.56%	6.975%
95	13.998	2023	2025	2028	rVB	393876	284607	13.29%	1.024%
96	14.074	2035	2038	2043	rVB2	308792	310154	14.48%	1.116%
97	15.004	2193	2196	2206	rVB	297727	603409	28.18%	2.170%
98	15.298	2244	2246	2251	rVB	269147	280915	13.12%	1.010%
99	15.362	2254	2257	2260	rVB	199719	195528	9.13%	0.703%
100	15.421	2264	2267	2271	rBV	530998	623538	29.12%	2.243%

Sum of corrected areas: 27800894

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
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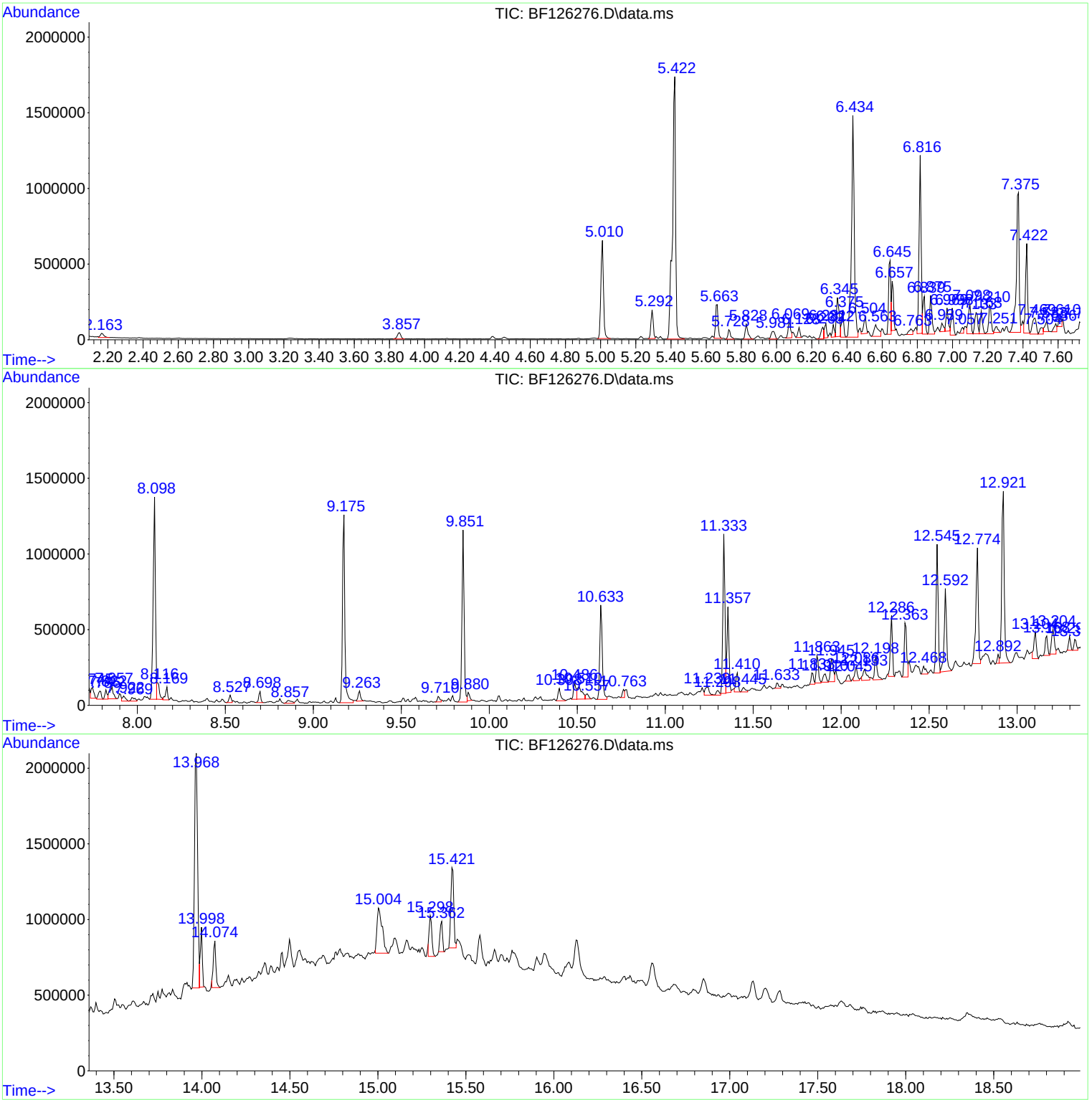
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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_F\Data\BF122021\
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Acq On : 20 Dec 2021 14:02
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Sample : M5142-01 2X
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Instrument :
BNA_F
ClientSampleId :
A2

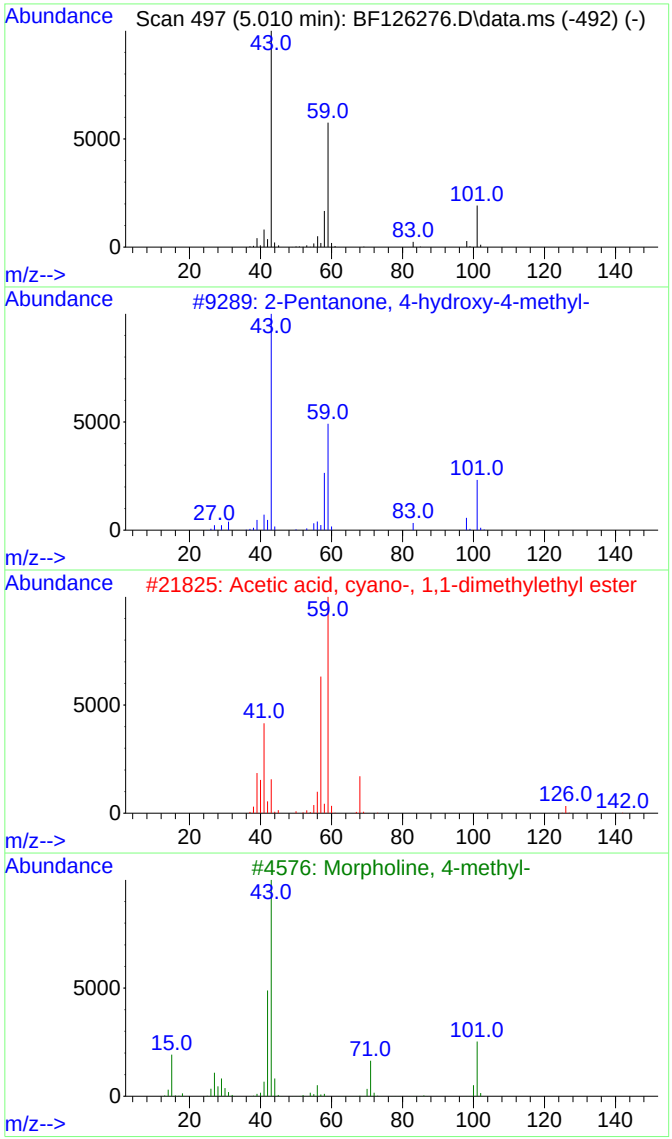
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

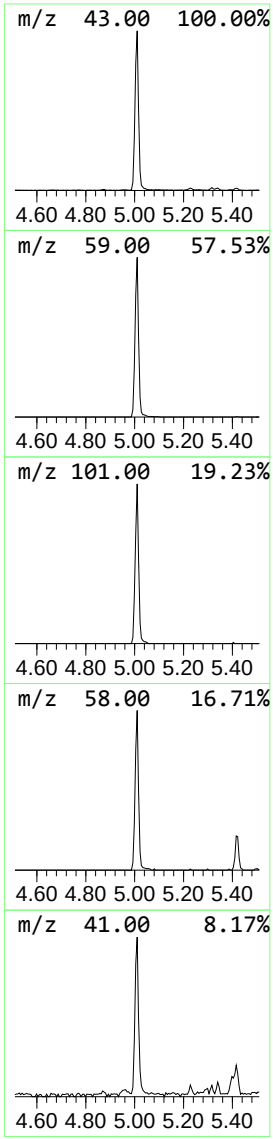
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	13.82 ng	658489	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

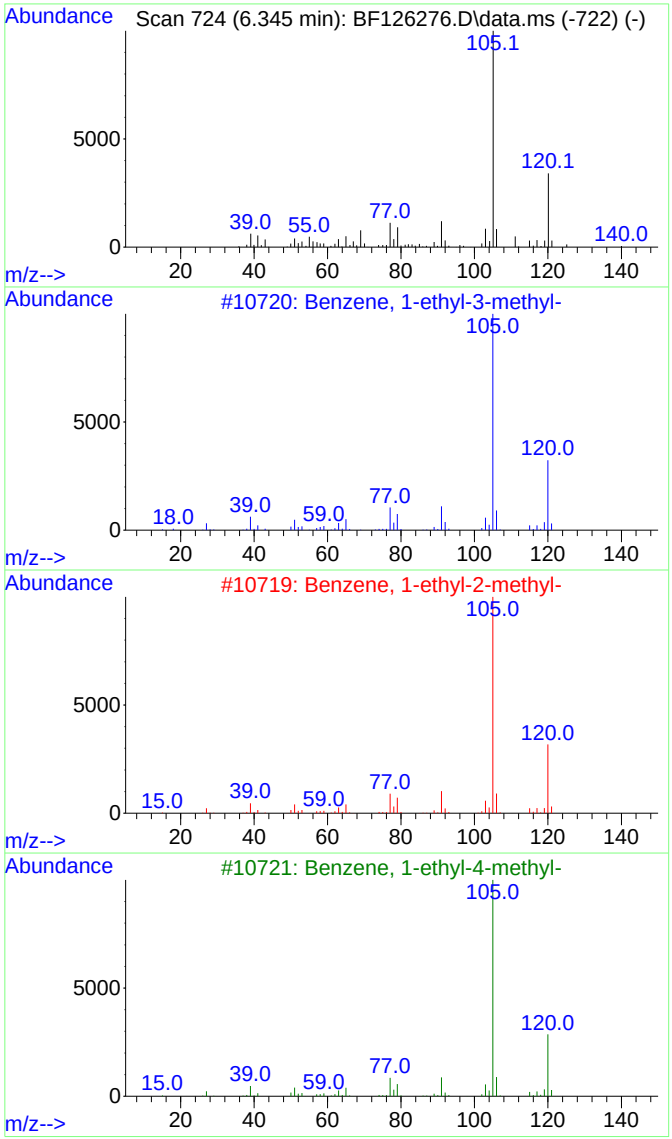
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

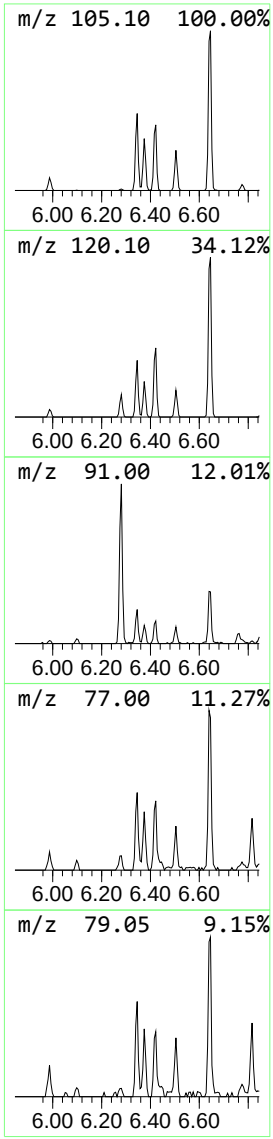
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	6.03 ng	287161	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
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Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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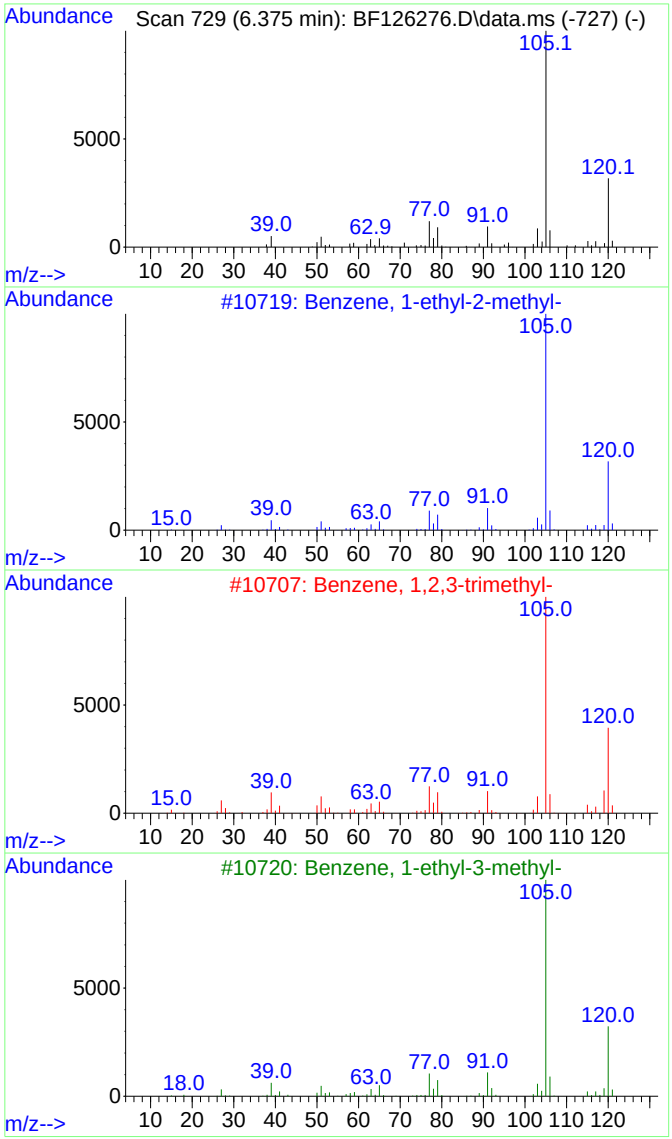
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

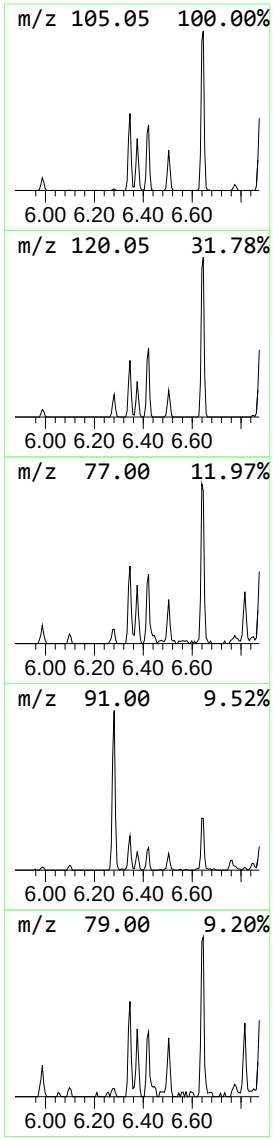
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	2.92 ng	139048	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : BF126276.D
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Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

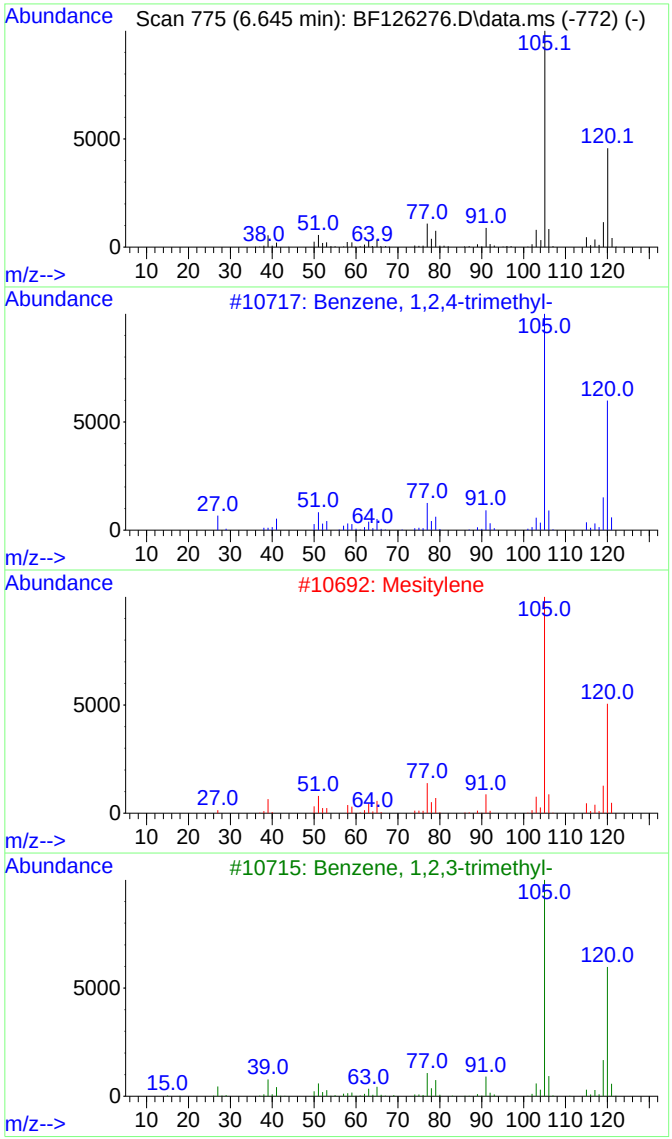
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

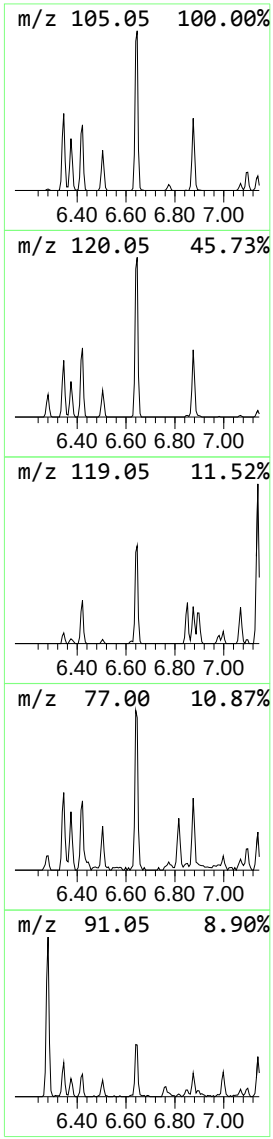
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	9.36 ng	446273	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

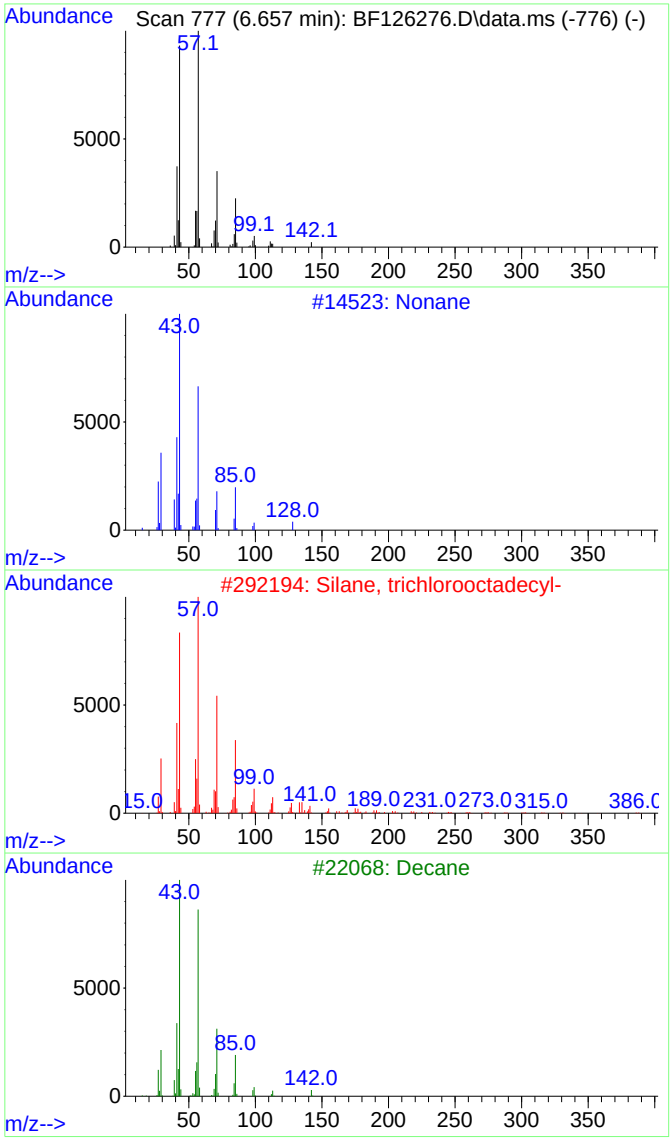
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

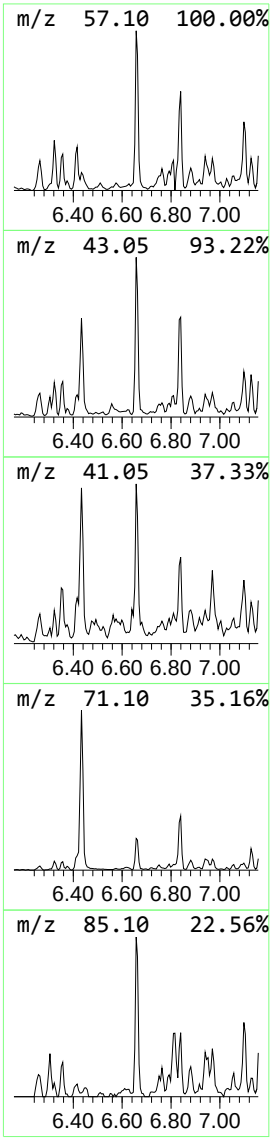
****

Peak Number 7 Nonane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	4.70 ng	224205	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3	Decane	142	C10H22	000124-18-5	83
4	Octane	114	C8H18	000111-65-9	64
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





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Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

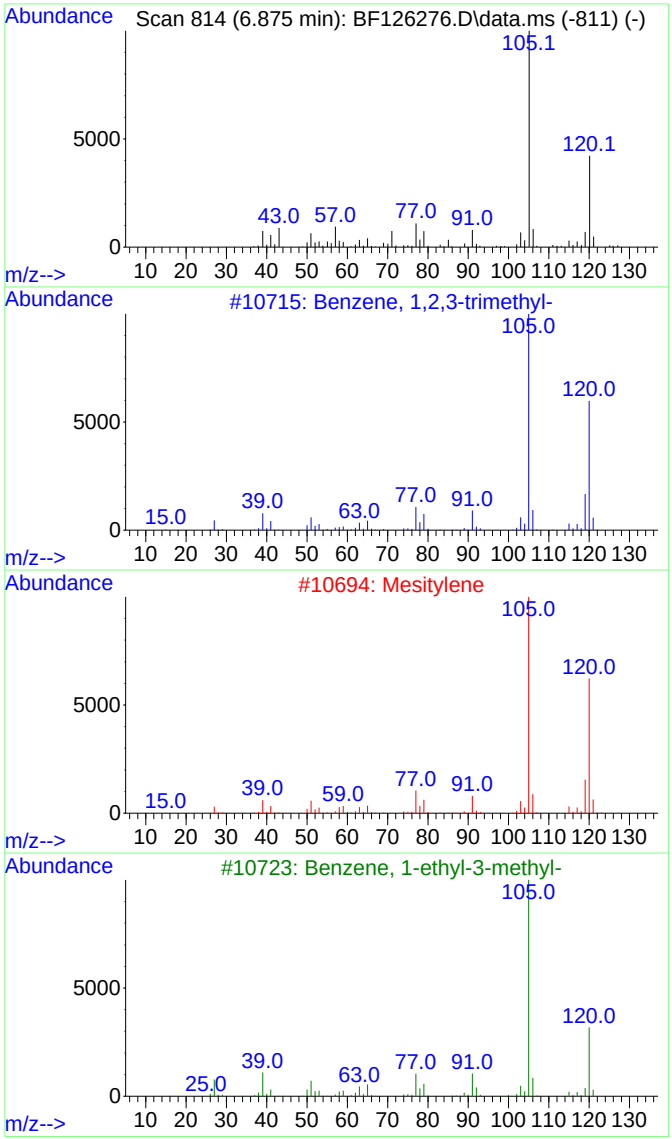
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

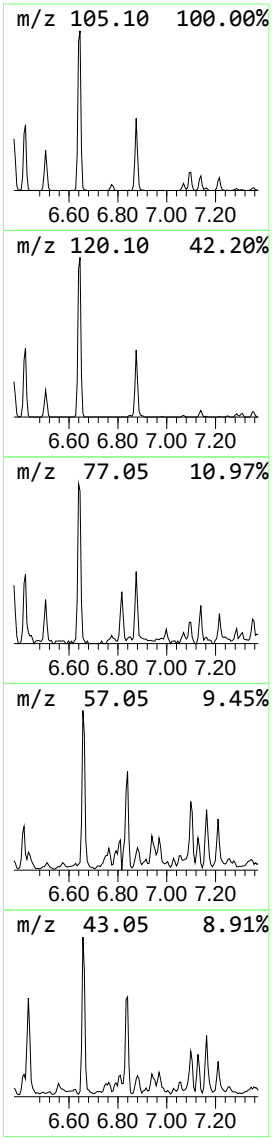
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	4.89 ng	232858	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





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Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

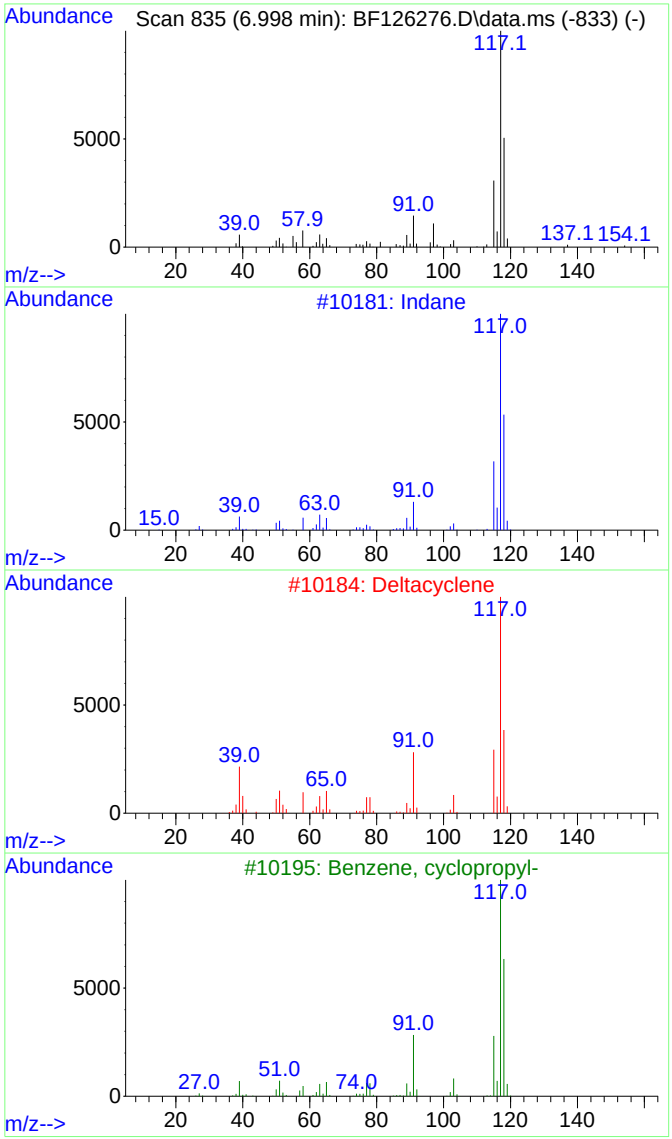
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

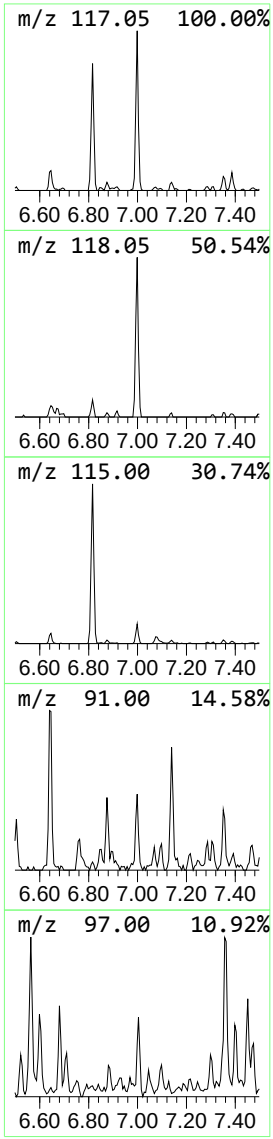
****

Peak Number 9 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	3.10 ng	147949	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46





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Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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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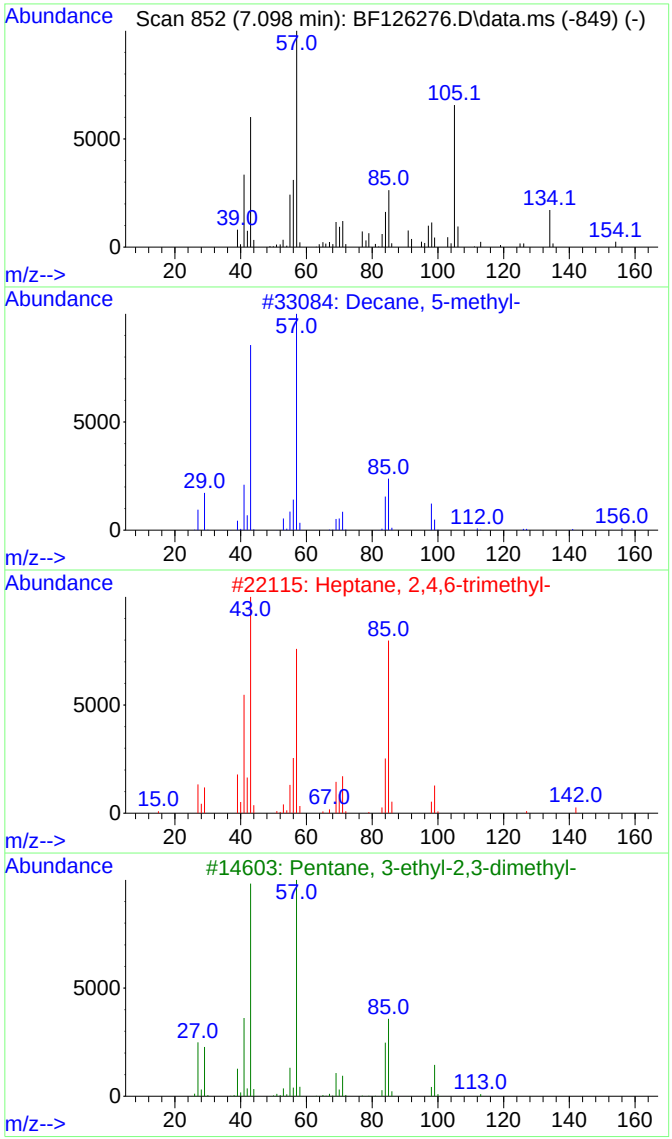
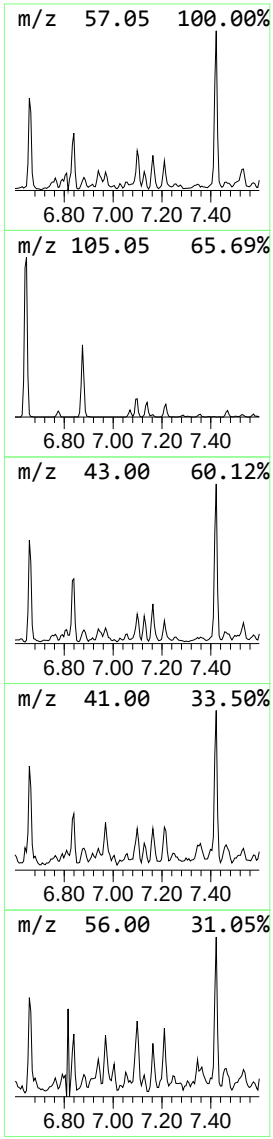
Peak Number 10 unknown7.098 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	4.14 ng	197218	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	43
2	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	35
3	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	27
4	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	27
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25





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Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

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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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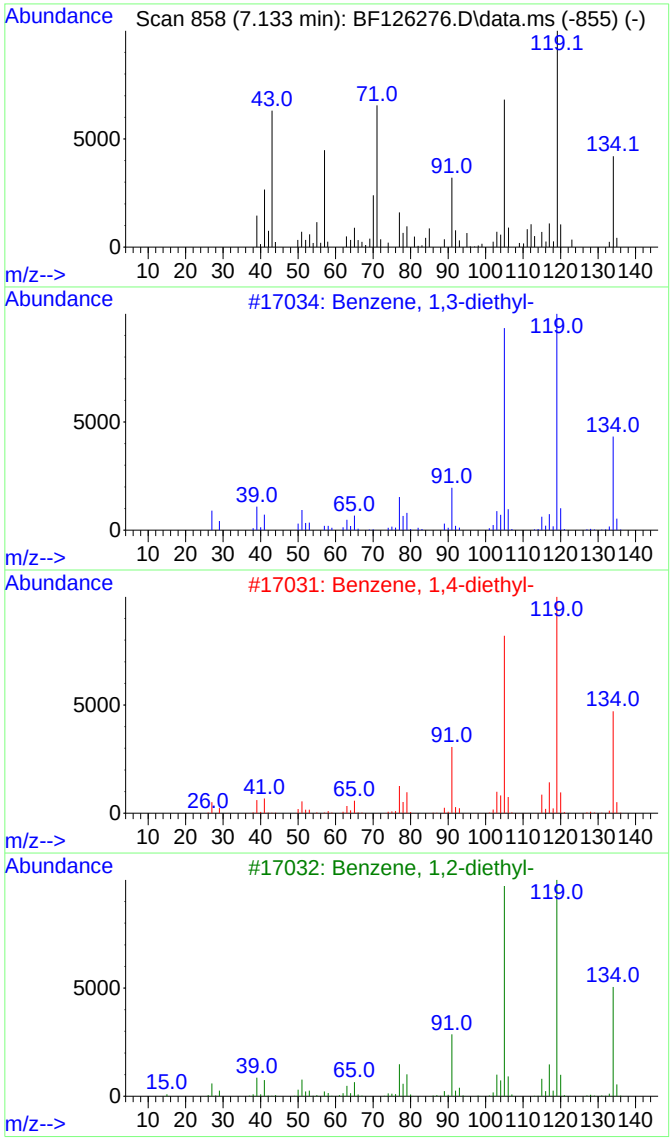
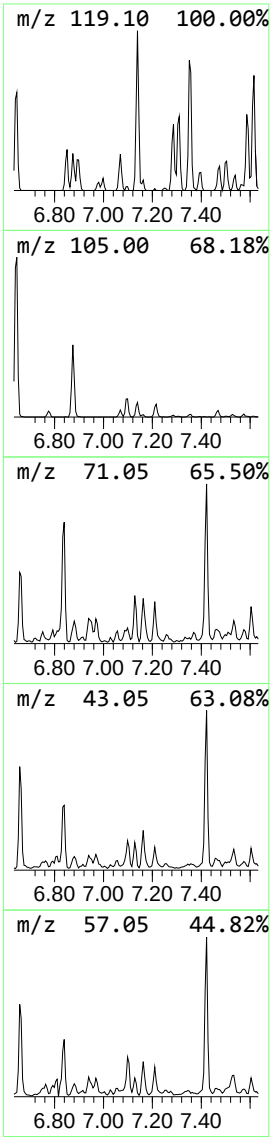
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.133	3.42 ng	162772	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





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Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

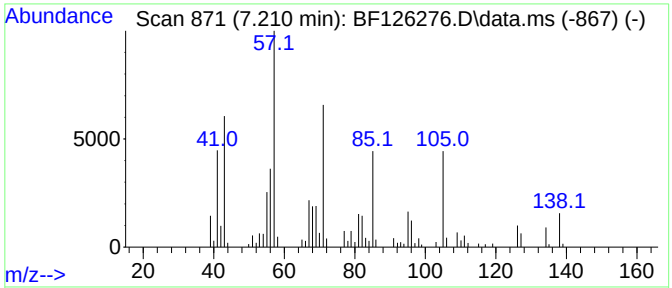
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

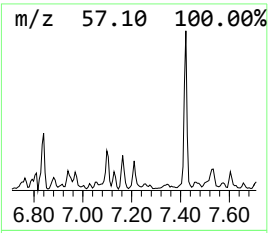
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

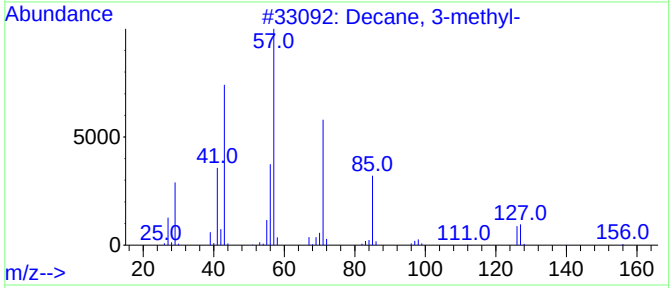
****
Peak Number 12 Decane, 3-methyl- Concentration Rank 11

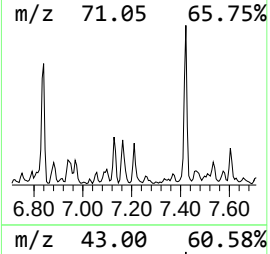
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	4.15 ng	197828	1,4-Dichlorobenzene-d4	6.816

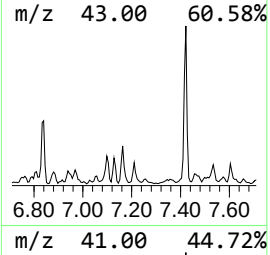
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	50
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	43
4	dl-Menthol	156	C10H20O	000089-78-1	43
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	43

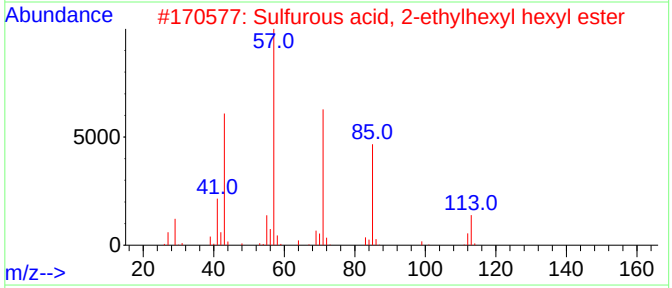


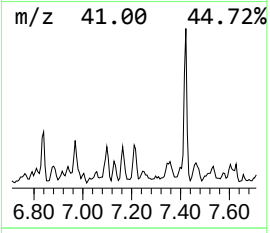


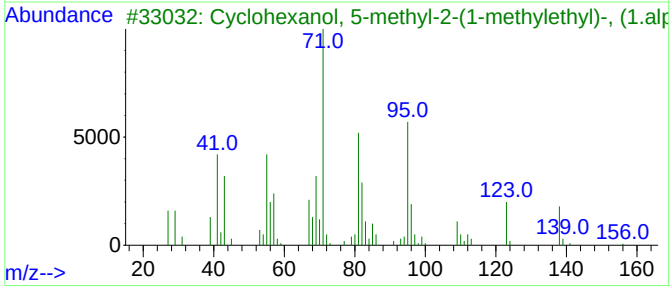


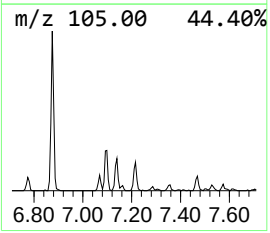












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Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

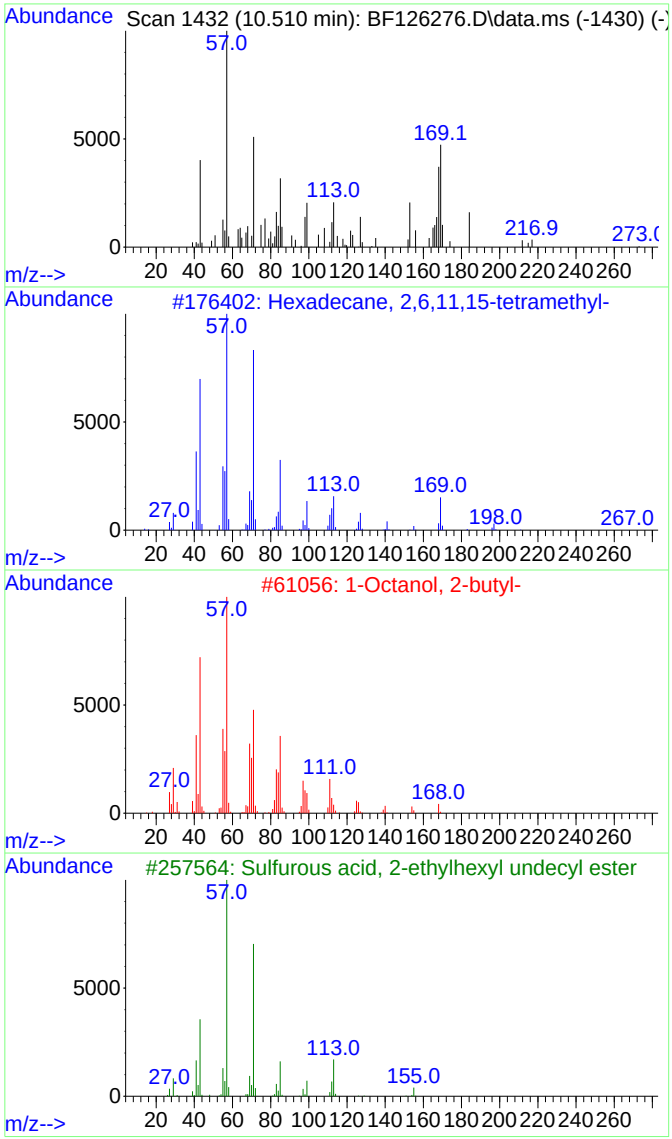
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

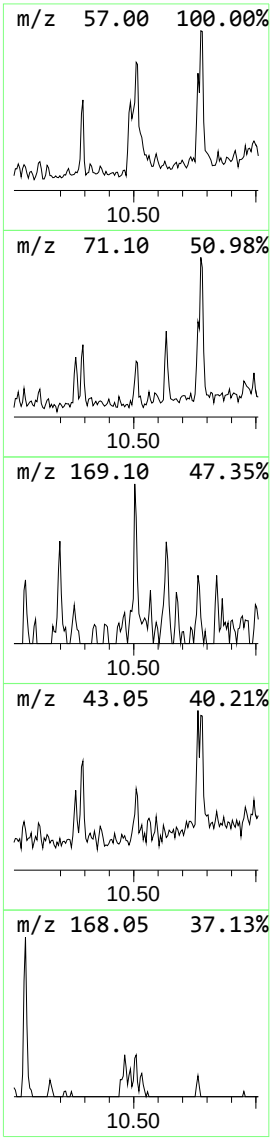
****

Peak Number 13 unknown10.510 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	3.09 ng	149513	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	47
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	27
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	22
4	Dodecyl heptyl ether	284	C19H40O	1010406-39-2	16
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	16





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Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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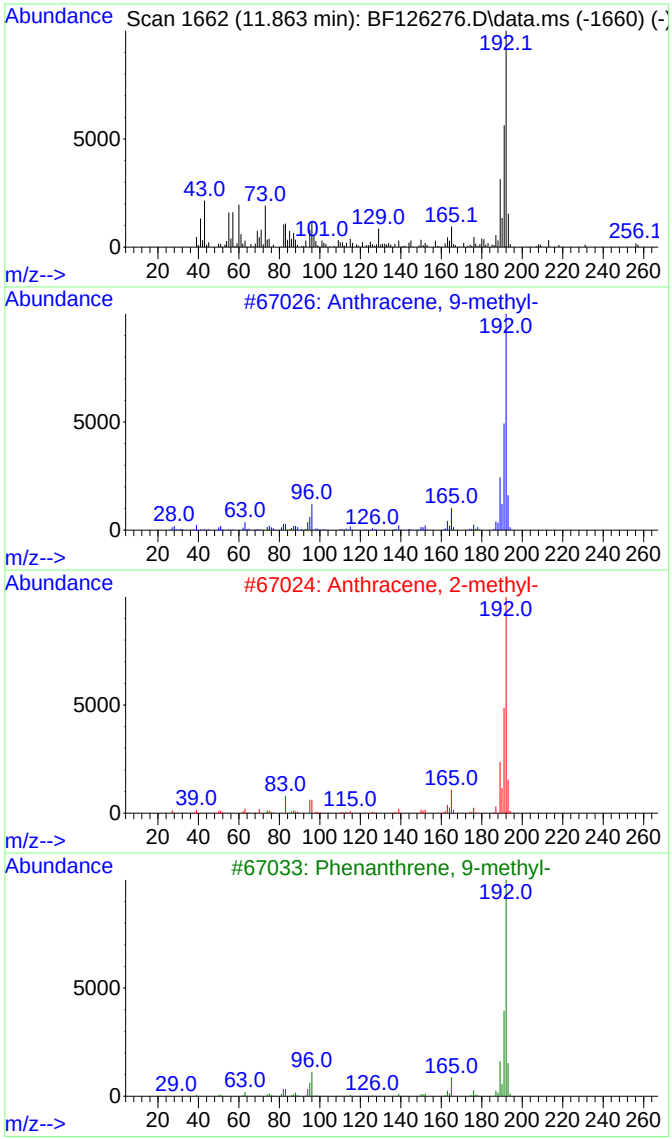
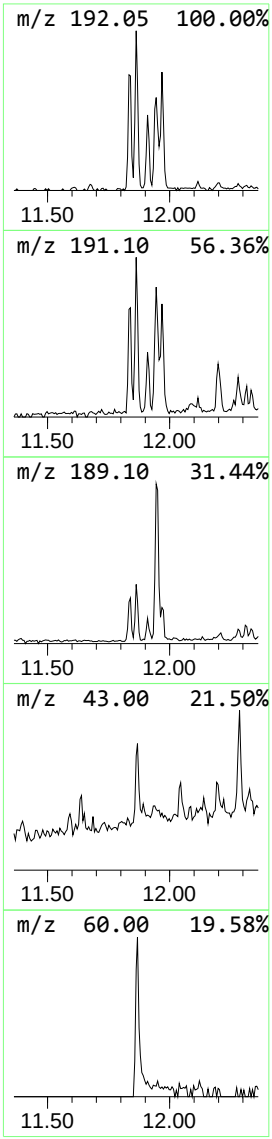
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.75 ng	162551	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





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Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

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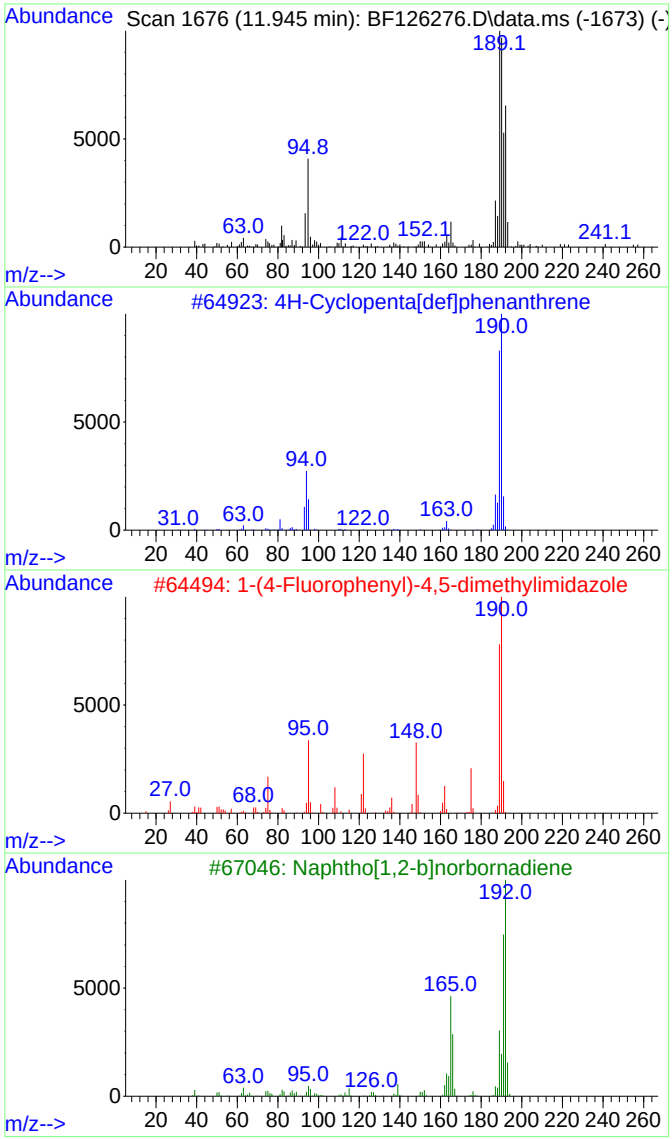
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

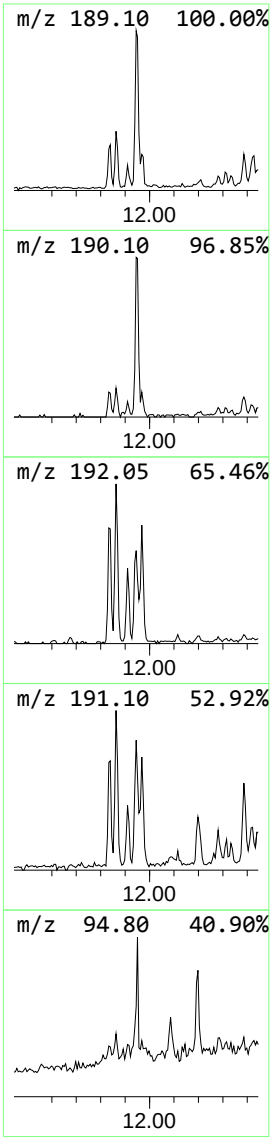
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.19 ng	181315	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1-(4-Fluorophenyl)-4,5-dimethyli...	190	C11H11FN2	1000443-18-7	49
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35





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Sample : M5142-01 2X
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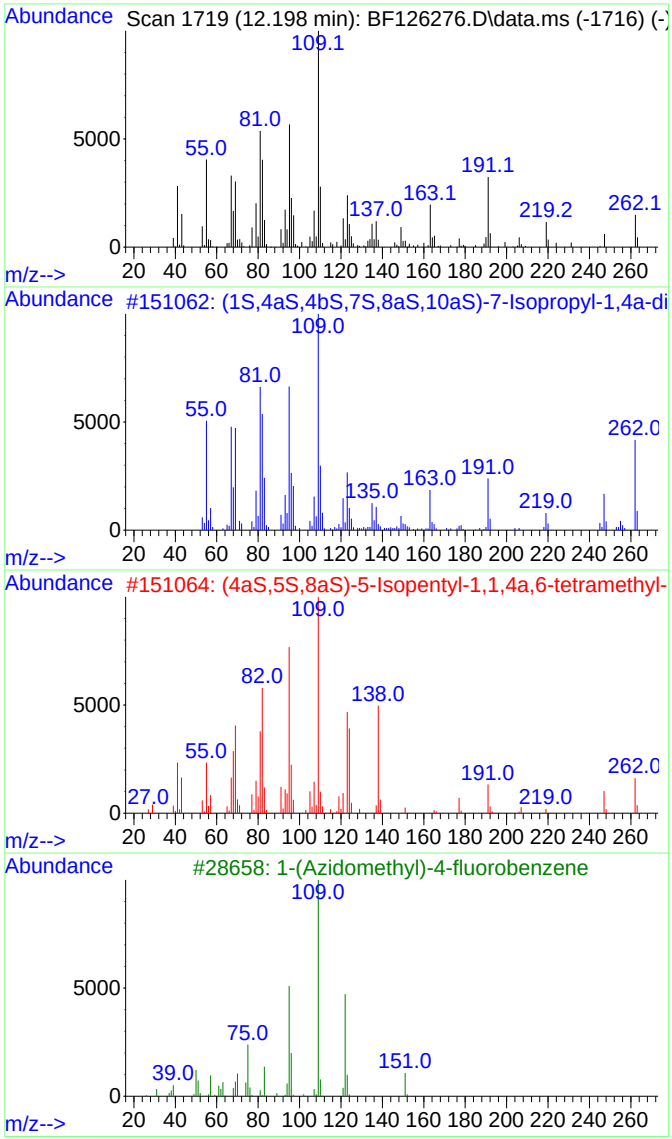
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

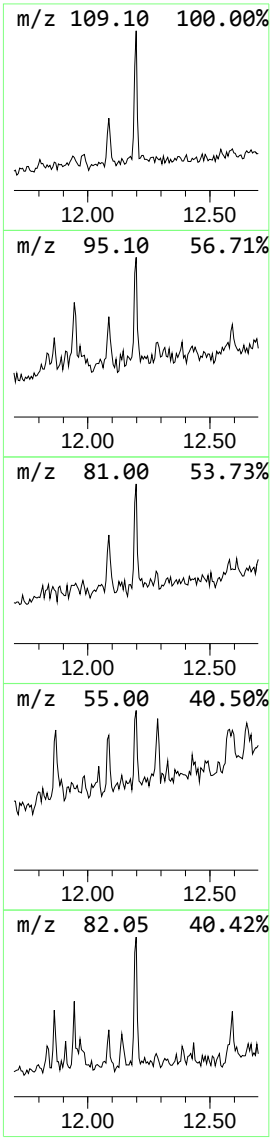
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	3.61 ng	156326	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	53
2	(4aS,5S,8aS)-5-Isopentyl-1,1,4a,...	262	C19H34	220766-81-4	53
3	1-(Azidomethyl)-4-fluorobenzene	151	C7H6FN3	159979-96-1	43
4	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
5	1H-Pyrazol-5-amine, 1-[(4-fluoro...	191	C10H10FN3	1000362-66-0	27





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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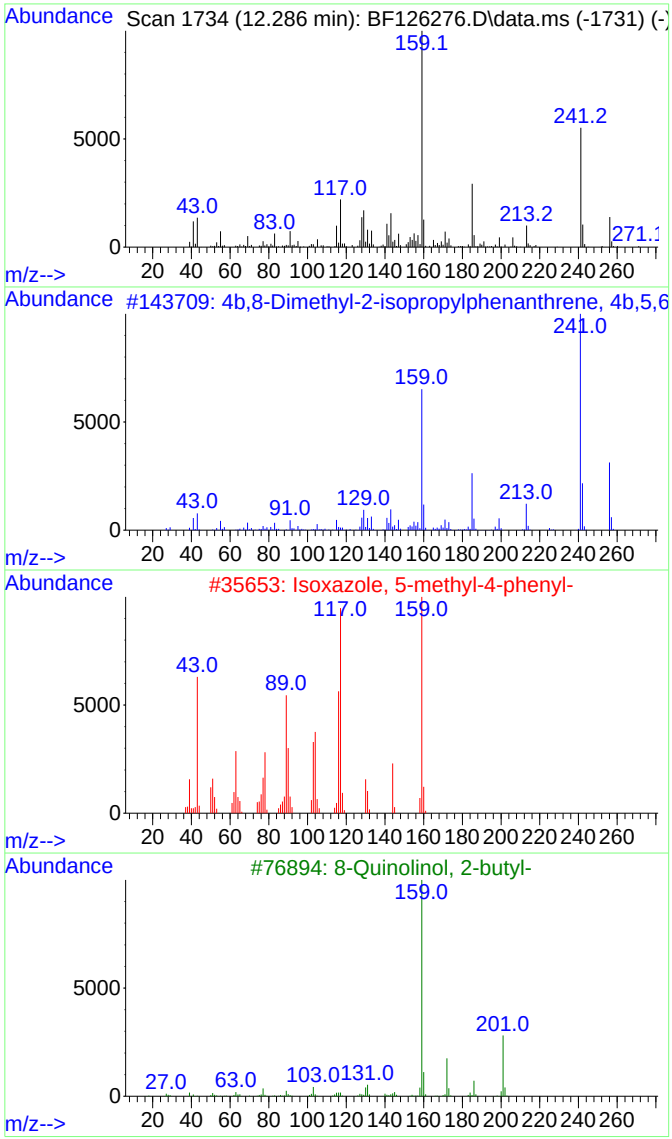
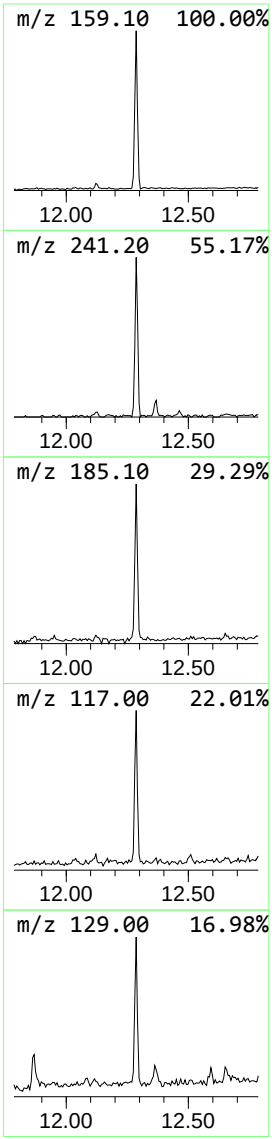
Peak Number 17 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	7.37 ng	319407	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
3	8-Quinolinol, 2-butyl-	201	C13H15NO	029210-65-9	35
4	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	27
5	3-[(2-Chloro-3-pyridinyl)amino]-...	222	C11H11ClN2O	198141-10-5	27





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Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

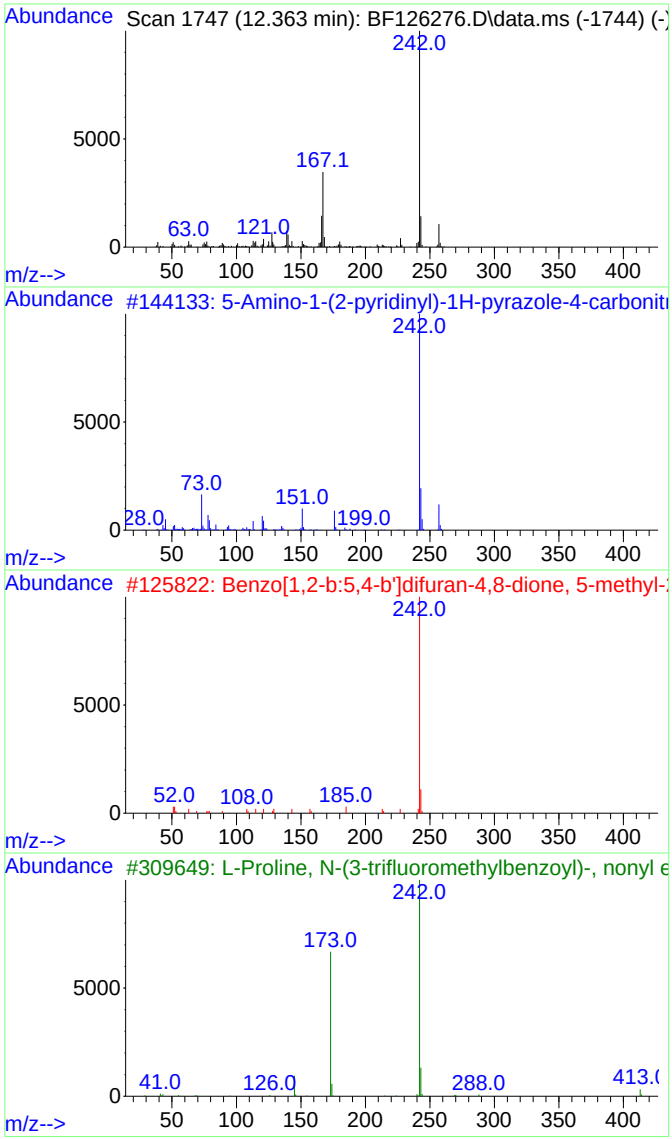
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

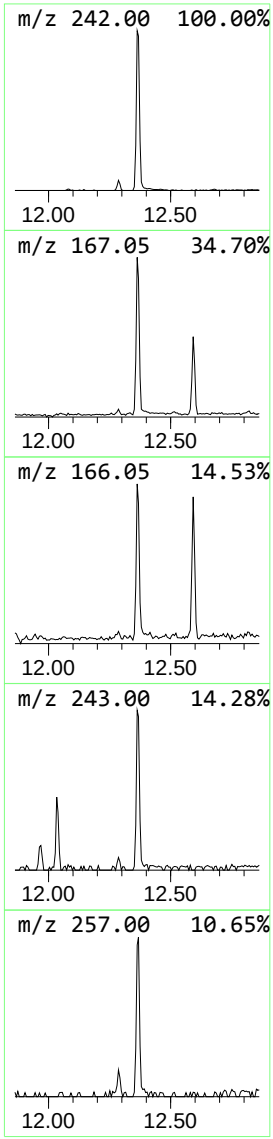
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5-Amino-1-(2-pyridinyl)-1H-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	8.35 ng	361550	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-1-(2-pyridinyl)-1H-pyraz...	257	C12H15N5Si	1000479-78-1	53
2	Benzo[1,2-b:5,4-b']difuran-4,8-d...	242	C14H10O4	026962-40-3	52
3	L-Proline, N-(3-trifluoromethylb...	413	C22H30F3NO3	1000346-34-6	50
4	2-(5-Thiophen-2-yl-1H-pyrazol-3-...	242	C13H10N2OS	1000301-11-6	47
5	4-Fluoro-1,3-benzothiazole-2-thi...	257	C10H12FNS2Si	1000510-13-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

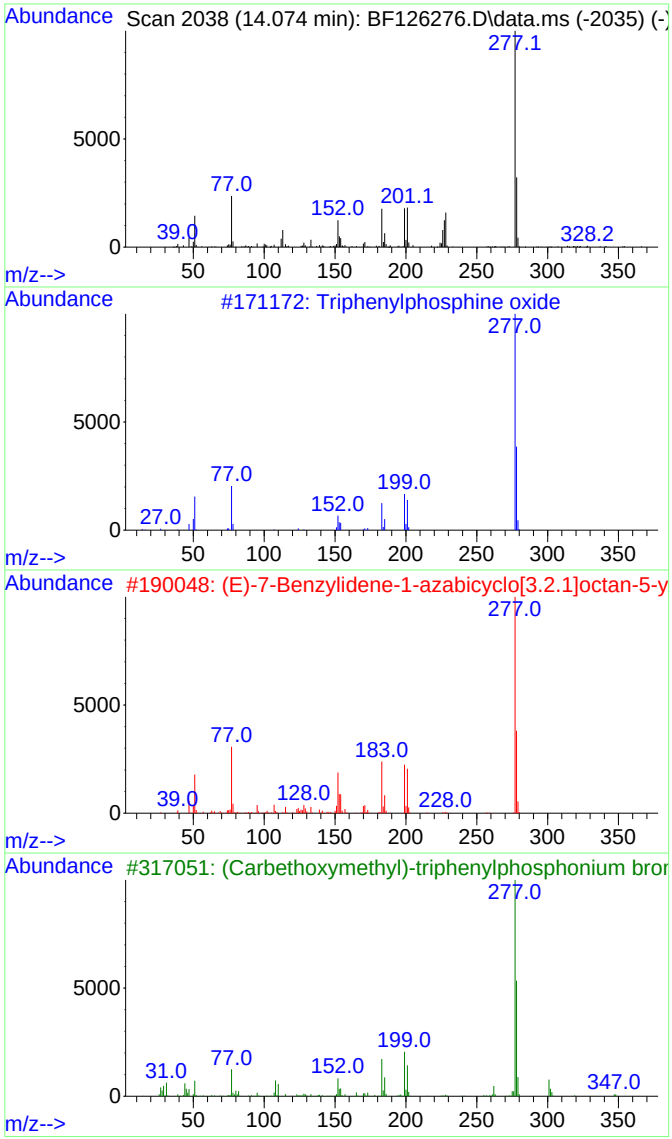
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

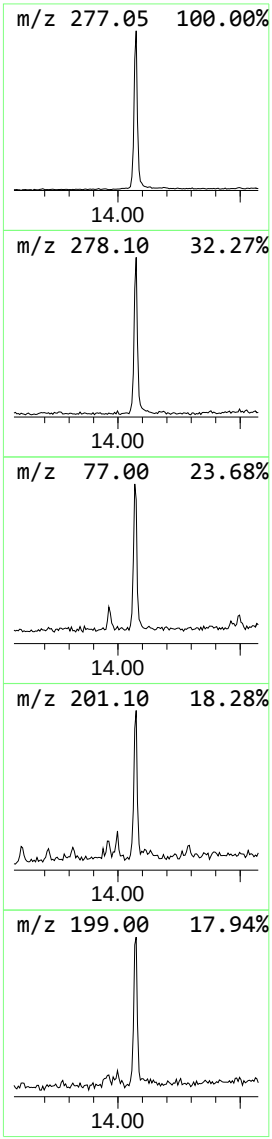
****

Peak Number 19 Triphenylphosphine oxide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	3.20 ng	310154	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	98
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	47
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
4	Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	38
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126276.D
Acq On : 20 Dec 2021 14:02
Operator : JU/CG
Sample : M5142-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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-...	5.010	13.8	ng	658489	1	6.816	953188	20.0
Benzene, 1-ethy...	6.345	6.0	ng	287161	1	6.816	953188	20.0
Benzene, 1-ethy...	6.375	2.9	ng	139048	1	6.816	953188	20.0
Benzene, 1,2,4-...	6.645	9.4	ng	446273	1	6.816	953188	20.0
Nonane	6.657	4.7	ng	224205	1	6.816	953188	20.0
Benzene, 1,2,3-...	6.875	4.9	ng	232858	1	6.816	953188	20.0
Indane	6.998	3.1	ng	147949	1	6.816	953188	20.0
unknown7.098	7.098	4.1	ng	197218	1	6.816	953188	20.0
Benzene, 1,3-di...	7.133	3.4	ng	162772	1	6.816	953188	20.0
Decane, 3-methyl-	7.210	4.2	ng	197828	1	6.816	953188	20.0
unknown10.510	10.510	3.1	ng	149513	3	9.851	968253	20.0
Anthracene, 9-m...	11.863	3.8	ng	162551	4	11.333	866412	20.0
4H-Cyclopenta[d...	11.945	4.2	ng	181315	4	11.333	866412	20.0
(1S,4aS,4bS,7S,...	12.198	3.6	ng	156326	4	11.333	866412	20.0
4b,8-Dimethyl-2...	12.286	7.4	ng	319407	4	11.333	866412	20.0
5-Amino-1-(2-py...	12.363	8.3	ng	361550	4	11.333	866412	20.0
Triphenylphosph...	14.074	3.2	ng	310154	5	13.974	1939160	20.0