LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.287	199	204	217	rVB	241732	327158	6.54%	0.365%
2	5.334	374	382	398	rBV	1121705	1687618	33.72%	1.885%
3	6.893	637	647	654	rBV	1081079	1969128	39.34%	2.199%
4	7.710	777	786	791	rBV2	770937	1548254	30.94%	1.729%
5	8.252	871	878	882	rVV4	177945	408563	8.16%	0.456%
6	8.340	889	893	900	rBV2	254292	514335	10.28%	0.574%
7	8.463	908	914	918	rBV2	167958	292971	5.85%	0.327%
8	8.699	943	954	961	rBV6	74443	274763	5.49%	0.307%
9	8.804	961	972	976	rBV2	442966	909517	18.17%	1.016%
10	8.857	976	981	985	rVV	701172	1147629	22.93%	1.282%
11	8.922	988	992	997	rVB	558998	840749	16.80%	0.939%
12	9.016	1003	1008	1009	rBV3	197514	289966	5.79%	0.324%
13	9.051	1010	1014	1020	rVB3	366694	702342	14.03%	0.784%
14	9.128	1020	1027	1029	rBV3	161643	276558	5.53%	0.309%
15	9.334	1056	1062	1066	rBV2	278302	518244	10.35%	0.579%
16	9.387	1066	1071	1073	rVV	254876	473192	9.45%	0.528%
17	9.410	1073	1075	1080	rVV	340635	485894	9.71%	0.543%
18	9.575	1094	1103	1106	rBV4	182125	390227	7.80%	0.436%
19	9.616	1106	1110	1115	rVV2	275459	482193	9.63%	0.538%
20	9.669	1115	1119	1128	rVB3	340524	870200	17.39%	0.972%
21	9.769	1133	1136	1141	rVV2	260572	376282	7.52%	0.420%
22	9.840	1143	1148	1152	rVV3	295812	476004	9.51%	0.532%
23	9.887	1152	1156	1163	rVV4	361167	877106	17.53%	0.979%
24	9.951	1164	1167	1172	rVB2	256131	364460	7.28%	0.407%
25	10.016	1174	1178	1181	rBV2	174060	252261	5.04%	0.282%
26	10.069	1184	1187	1192	rVV3	225304	346764	6.93%	0.387%
27	10.116	1192	1195	1202	rVB2	243943	406048	8.11%	0.453%
28	10.187	1202	1207	1211	rBV	267076	469573	9.38%	0.524%
29	10.269	1216	1221	1226	rBV3	177029	306812	6.13%	0.343%
30	10.387	1237	1241	1247	rVB5	150005	272382	5.44%	0.304%
31	10.463	1247	1254	1256	rBV3	1276710	2295459	45.86%	2.563%
32	10.604	1274	1278	1281	rBV	260654	409417	8.18%	0.457%
33	10.646	1281	1285	1290	rVB	609500	916192	18.31%	1.023%
34	10.704	1290	1295	1303	rBV2	285290	551994	11.03%	0.616%
35	10.775	1303	1307	1312	rVB6	146302	255670	5.11%	0.286%
36	10.898	1323	1328	1333	rBV5	144628	301190	6.02%	0.336%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.145	1366	1370	1372	rBV3	244344	381856	7.63%	0.426%
38	11.187	1373	1377	1384	rVV6	349573	759084	15.17%	0.848%
39	11.251	1384	1388	1394	rVB4	158793	329154	6.58%	0.368%
40	11.322	1395	1400	1406	rBV6	259996	472350	9.44%	0.527%
41	11.398	1407	1413	1421	rVB3	428870	910447	18.19%	1.017%
42	11.510	1427	1432	1436	rBV	740898	1255178	25.08%	1.402%
43	11.593	1442	1446	1452	rVB3	221320	407477	8.14%	0.455%
44	11.675	1455	1460	1468	rVB2	547959	1050414	20.99%	1.173%
45	11.904	1495	1499	1505	rBV3	735684	1123908	22.46%	1.255%
46	12.034	1518	1521	1527	rVB2	346322	506560	10.12%	0.566%
47	12.398	1579	1583	1588	rVV3	567216	956899	19.12%	1.069%
48	12.540	1602	1607	1611	rBV5	181715	307308	6.14%	0.343%
49	12.657	1624	1627	1634	rBV5	161582	335695	6.71%	0.375%
50	12.716	1634	1637	1644	rVB3	148386	245109	4.90%	0.274%
51	12.816	1650	1654	1659	rBV4	215956	399842	7.99%	0.447%
52	12.875	1659	1664	1669	rVV3	710364	1132736	22.63%	1.265%
53	12.951	1672	1677	1683	rVB	1929510	2671809	53.38%	2.984%
54	13.163	1706	1713	1720	rVB	654987	1243878	24.85%	1.389%
55	13.281	1726	1733	1737	rVV	336116	667433	13.34%	0.745%
56	13.328	1737	1741	1745	rVB2	214070	273927	5.47%	0.306%
57	13.498	1766	1770	1777	rBV4	150759	281617	5.63%	0.314%
58	13.616	1785	1790	1794	rBV6	169705	392399	7.84%	0.438%
59	13.710	1801	1806	1812	rVB4	193061	349446	6.98%	0.390%
60	13.828	1823	1826	1830	rVB2	351049	442592	8.84%	0.494%
61	14.063	1859	1866	1872	rBV3	213777	439740	8.79%	0.491%
62	14.169	1878	1884	1892	rVV	553165	1126444	22.51%	1.258%
63	14.245	1892	1897	1902	rVV	669900	894674	17.88%	0.999%
64	14.345	1906	1914	1921	rVB	1535997	2493659	49.82%	2.785%
65	14.881	2001	2005	2013	rVB5	211410	401506	8.02%	0.448%
66	14.969	2014	2020	2024	rBV4	141043	316177	6.32%	0.353%
67	15.210	2057	2061	2066	rVB	550719	676895	13.52%	0.756%
68	15.628	2126	2132	2137	rVB	283865	460241	9.20%	0.514%
69	15.722	2144	2148	2155	rVB	531618	803519	16.05%	0.897%
70	15.857	2165	2171	2179	rVB	1384275	2155612	43.07%	2.407%
71	16.092	2207	2211	2214	rBV	527104	792850	15.84%	0.885%
72	16.910	2346	2350	2354	rVV	390471	480027	9.59%	0.536%
73	16.957	2354	2358	2369	rVB2	315402	583301	11.65%	0.651%
74	17.145	2385	2390	2394	rBV2	1525370	2219289	44.34%	2.478%
75	17.186	2394	2397	2402	rVB	1074599	1511976	30.21%	1.688%
76	17.280	2409	2413	2419	rVB	329651	465210	9.30%	0.520%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.669	2475	2479	2484	rVB2	331352	481217	9.62%	0.537%
78	18.051	2539	2544	2547	rBV	248796	385543	7.70%	0.431%
79	18.098	2547	2552	2561	rVV2	478575	1102440	22.03%	1.231%
80	18.186	2563	2567	2571	rVV	155671	264003	5.27%	0.295%
81	18.251	2572	2578	2582	rVV2	434471	845769	16.90%	0.944%
82	18.286	2582	2584	2591	rVB	199756	277251	5.54%	0.310%
83	18.392	2598	2602	2609	rBV	263103	345186	6.90%	0.385%
84	18.998	2701	2705	2711	rBV3	160144	339141	6.78%	0.379%
85	19.057	2711	2715	2721	rVB3	246734	367505	7.34%	0.410%
86	19.274	2747	2752	2759	rBV	2724406	3970515	79.33%	4.434%
87	19.433	2774	2779	2784	rBV2	171005	322367	6.44%	0.360%
88	19.657	2812	2817	2822	rVB	2628972	3556600	71.06%	3.972%
89	19.874	2845	2854	2868	rVB	2364189	3547117	70.87%	3.961%
90	19.998	2870	2875	2876	rBV2	176846	253911	5.07%	0.284%
91	20.174	2901	2905	2909	rVB2	428907	599305	11.97%	0.669%
92	20.280	2919	2923	2927	rVB	344294	402236	8.04%	0.449%
93	20.333	2929	2932	2938	rVV2	235199	372068	7.43%	0.416%
94	20.968	3037	3040	3047	rVB	208703	316655	6.33%	0.354%
95	21.268	3085	3091	3096	rBV2	312694	658065	13.15%	0.735%
96	21.592	3138	3146	3151	rBV2	1990441	5004835	100.00%	5.589%
97	21.645	3151	3155	3166	rVB	1178302	2048498	40.93%	2.288%
98	23.892	3529	3537	3544	rBV	989305	3185509	63.65%	3.557%
99	24.792	3683	3690	3707	rVB	888941	2780605	55.56%	3.105%
100	24.951	3711	3717	3724	rVB	980656	2115204	42.26%	2.362%

Sum of corrected areas: 89546898

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
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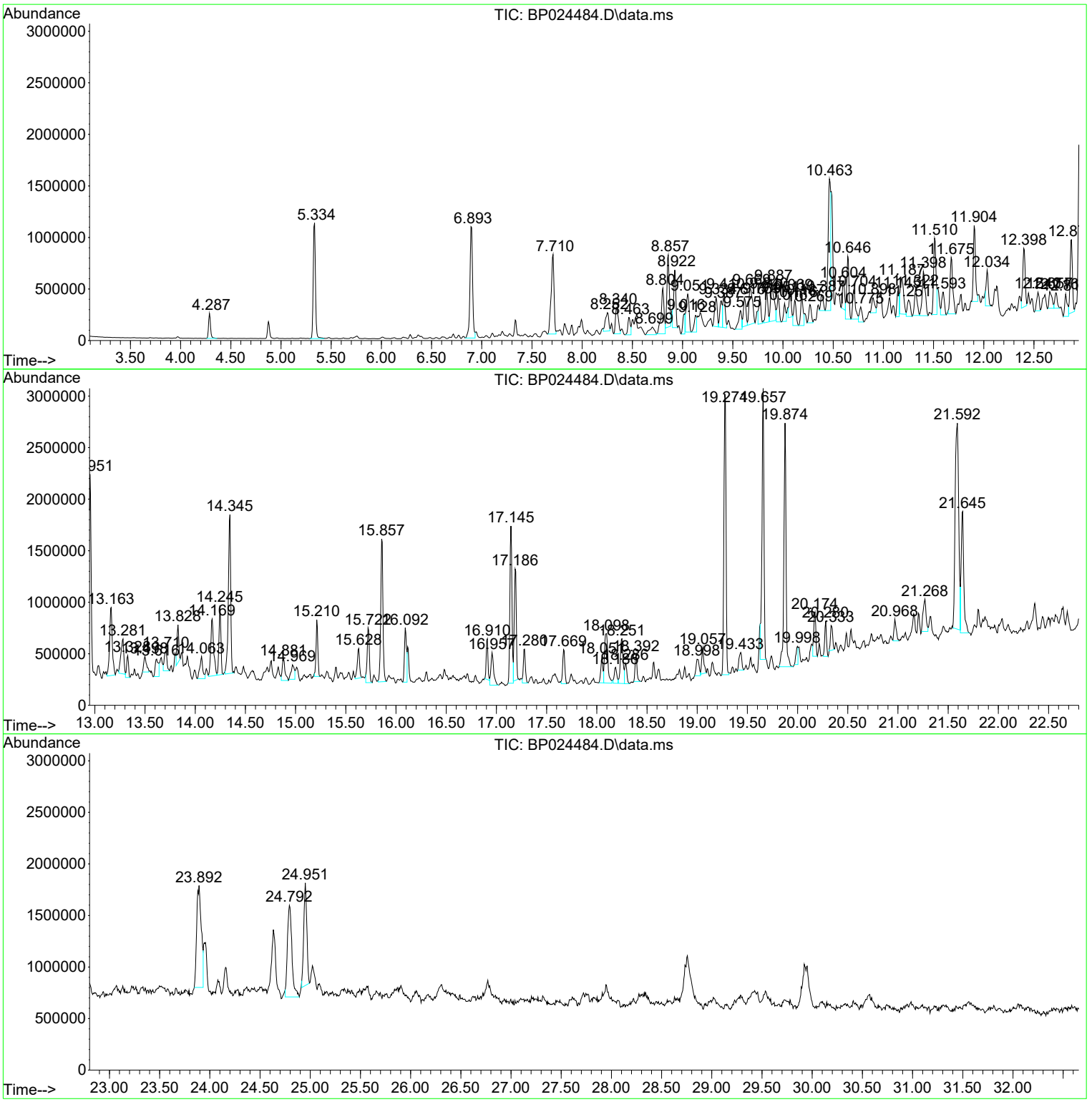
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
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Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

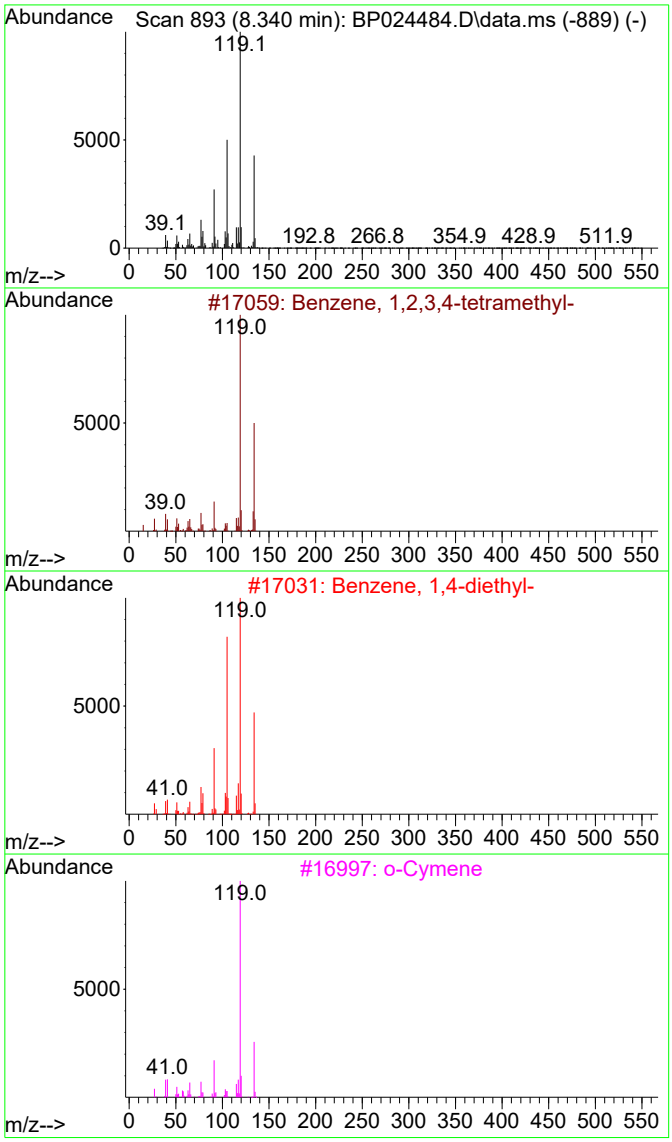
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

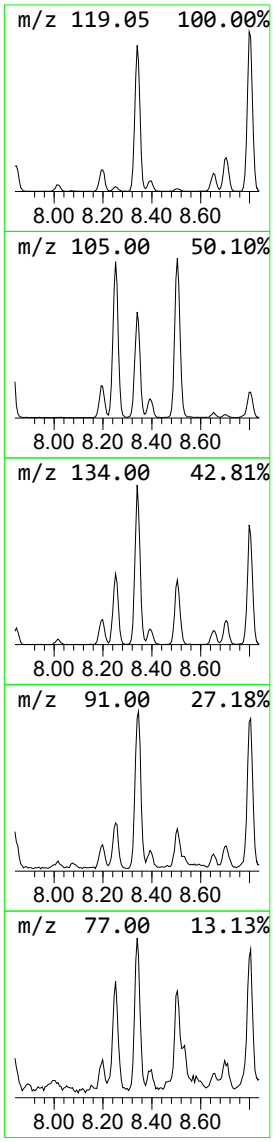
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.340	6.64 ng	514335	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

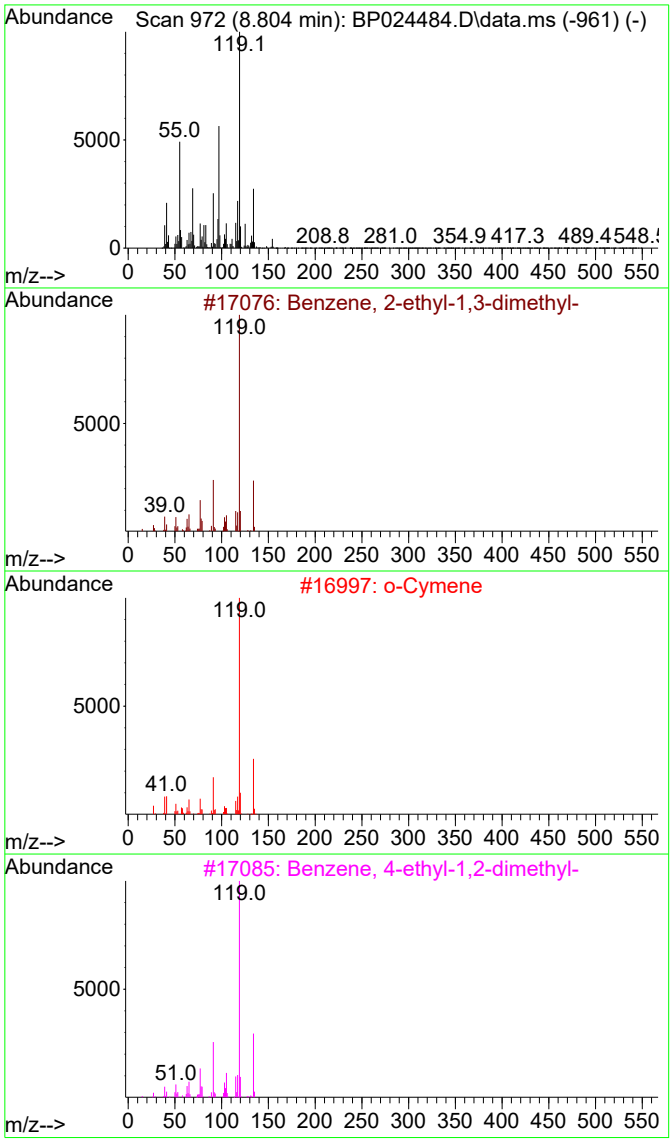
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

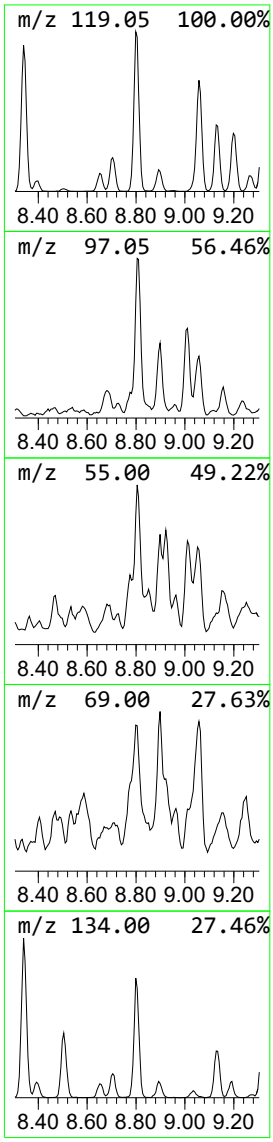
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.804	11.75 ng	909517	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	p-Cymene	134	C10H14	000099-87-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

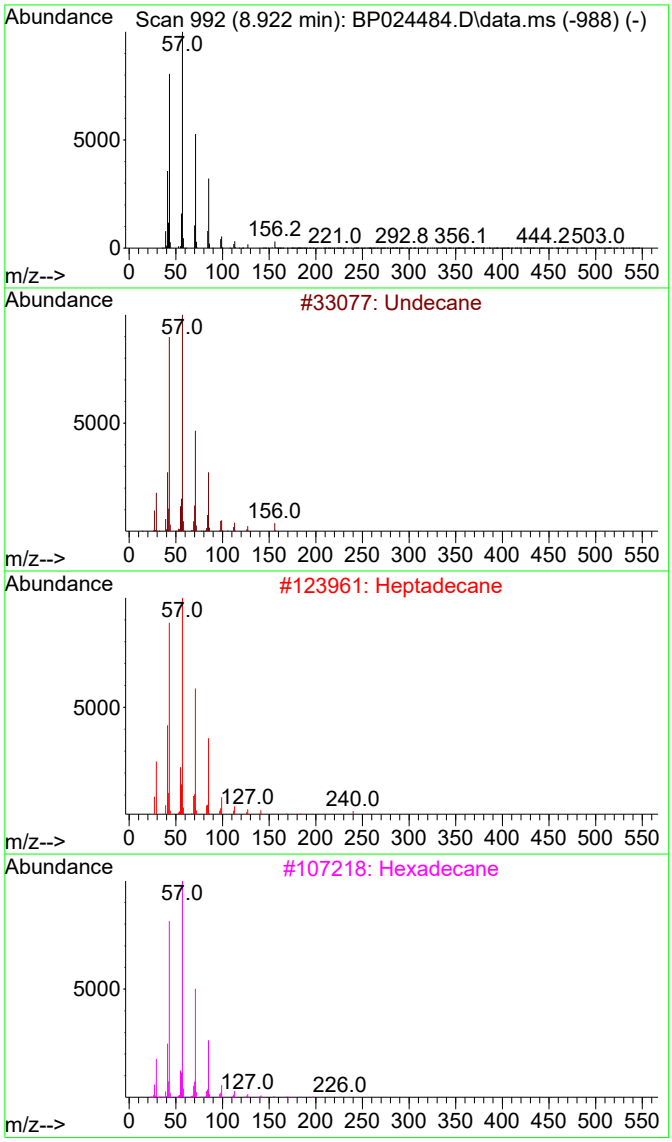
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

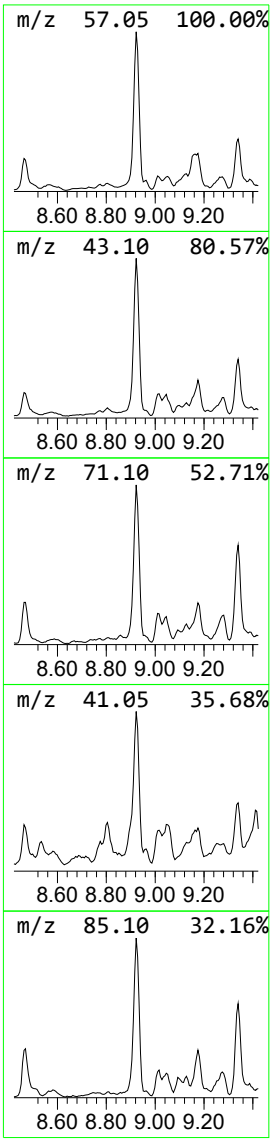
****

Peak Number 3 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	10.86 ng	840749	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

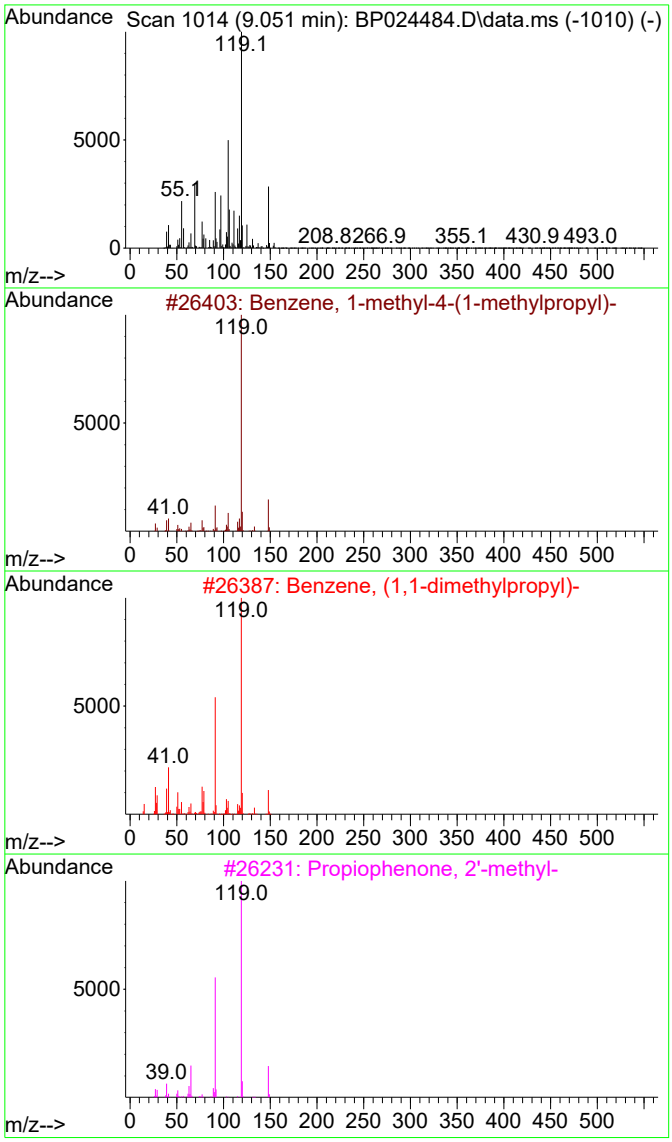
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

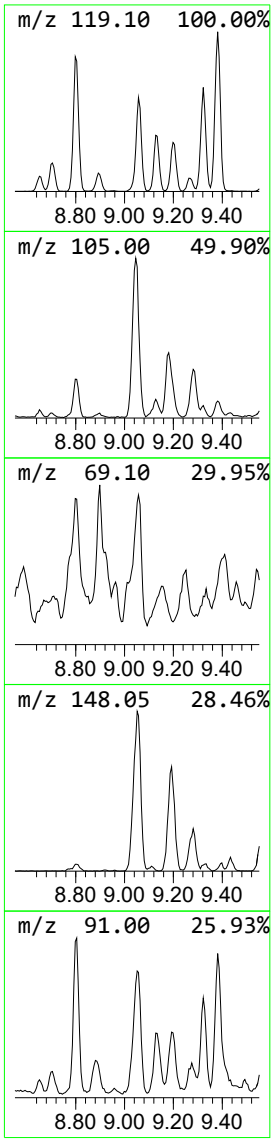
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.051	9.07 ng	702342	1,4-Dichlorobenzene-d4	7.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	47
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	p-Cymene	134	C10H14	000099-87-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

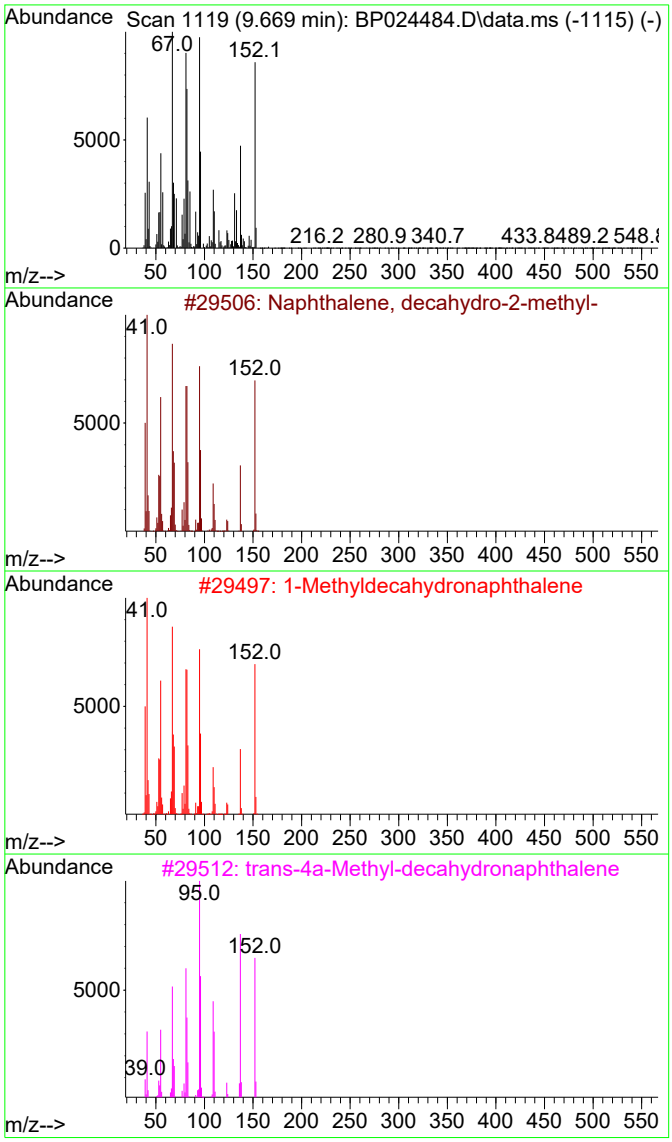
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

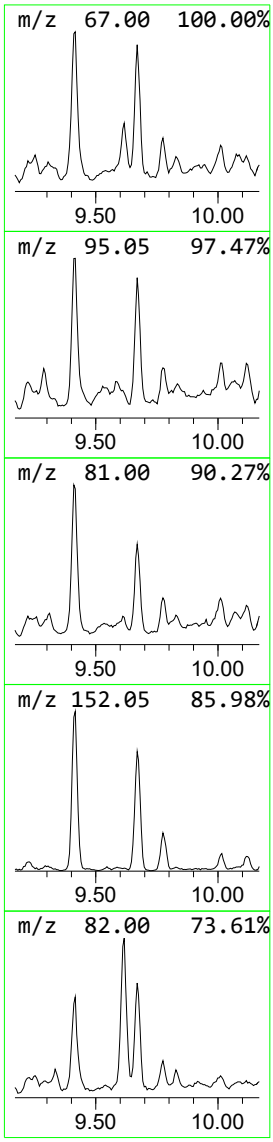
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	7.58 ng	870200	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68





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Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

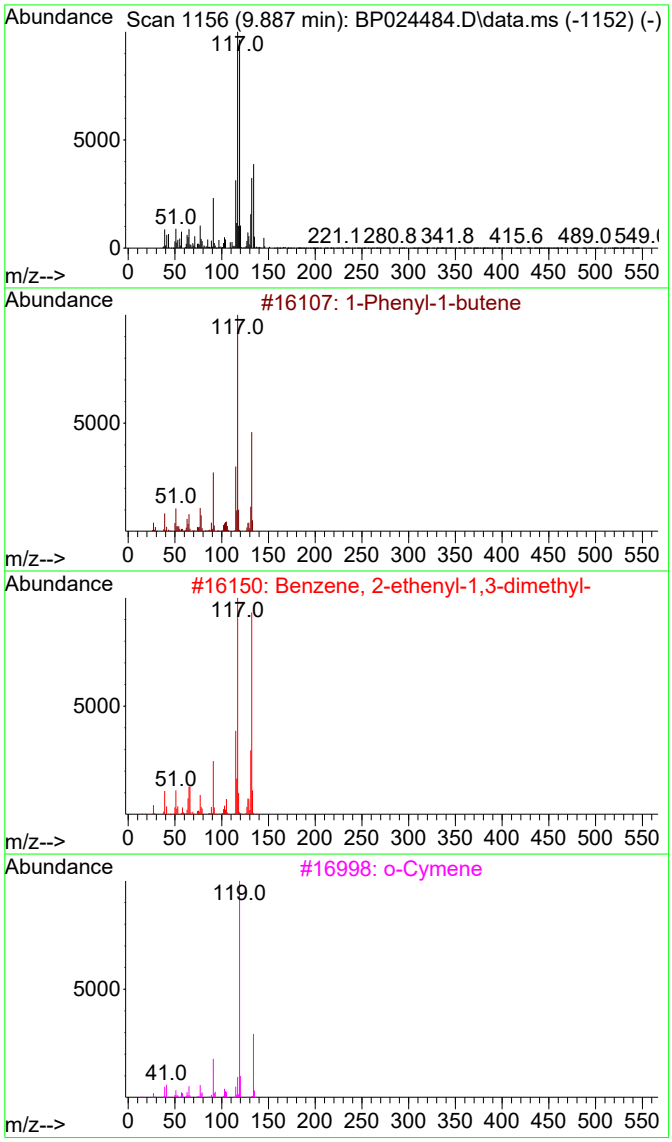
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

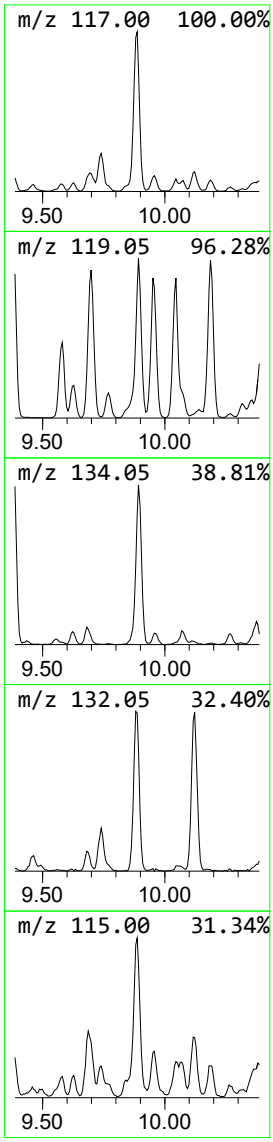
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.887	7.64 ng	877106	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





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Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

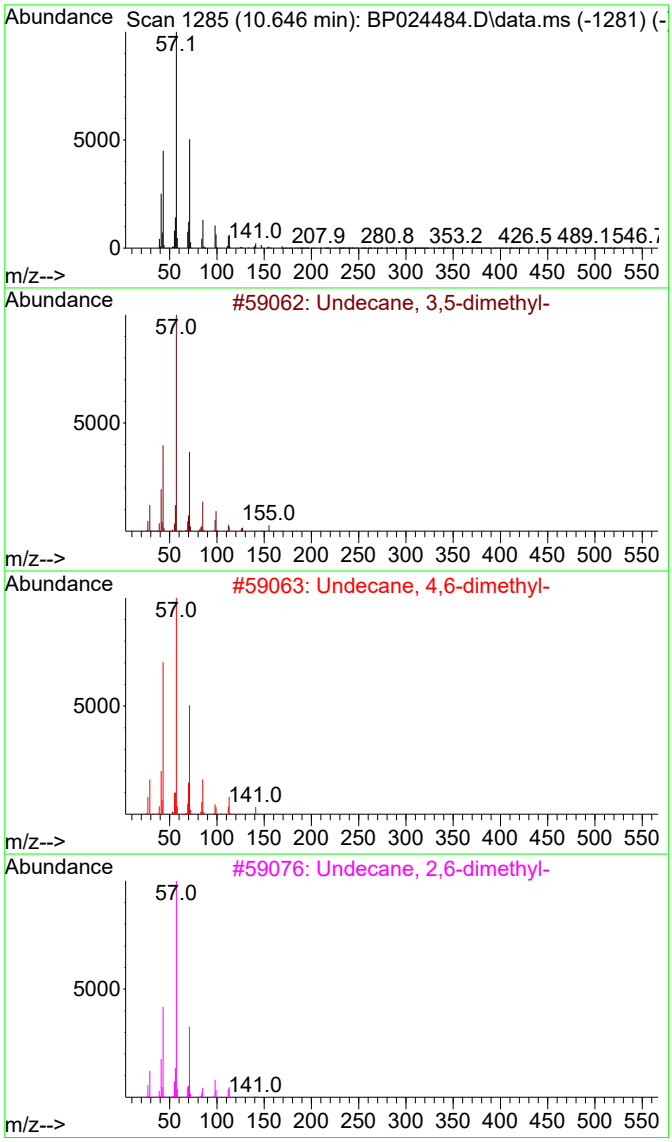
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

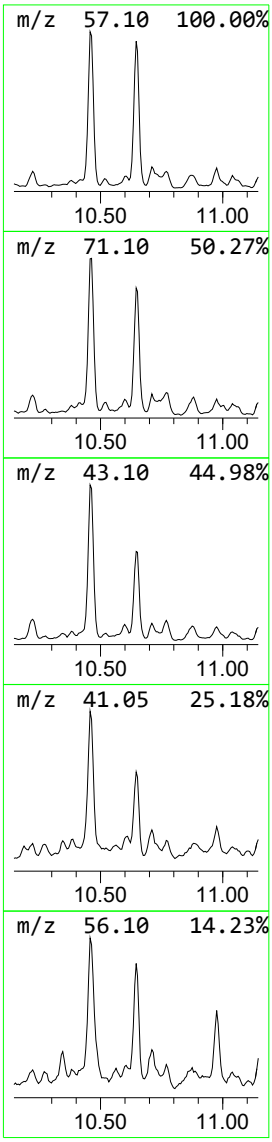
****

Peak Number 7 Undecane, 3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.646	7.98 ng	916192	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	90
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62





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Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

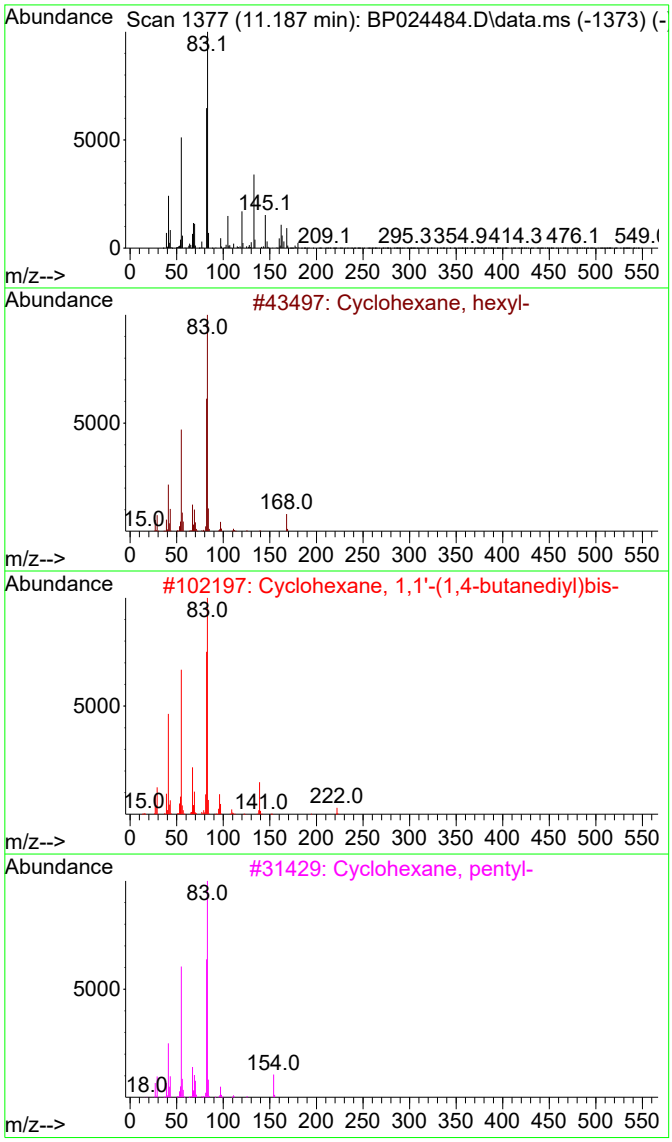
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

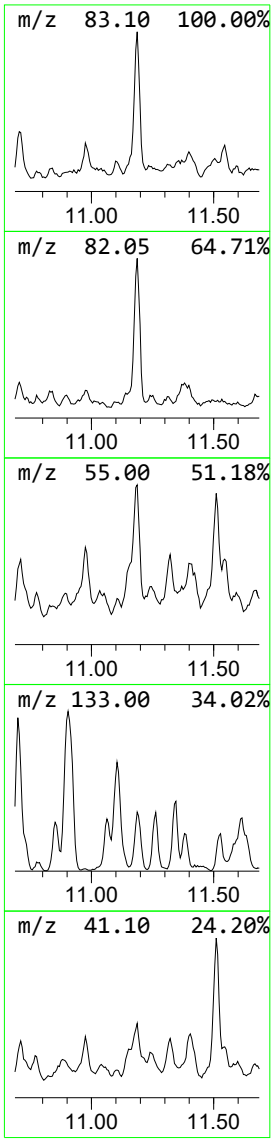
****

Peak Number 8 Cyclohexane, hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	6.61 ng	759084	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38





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Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

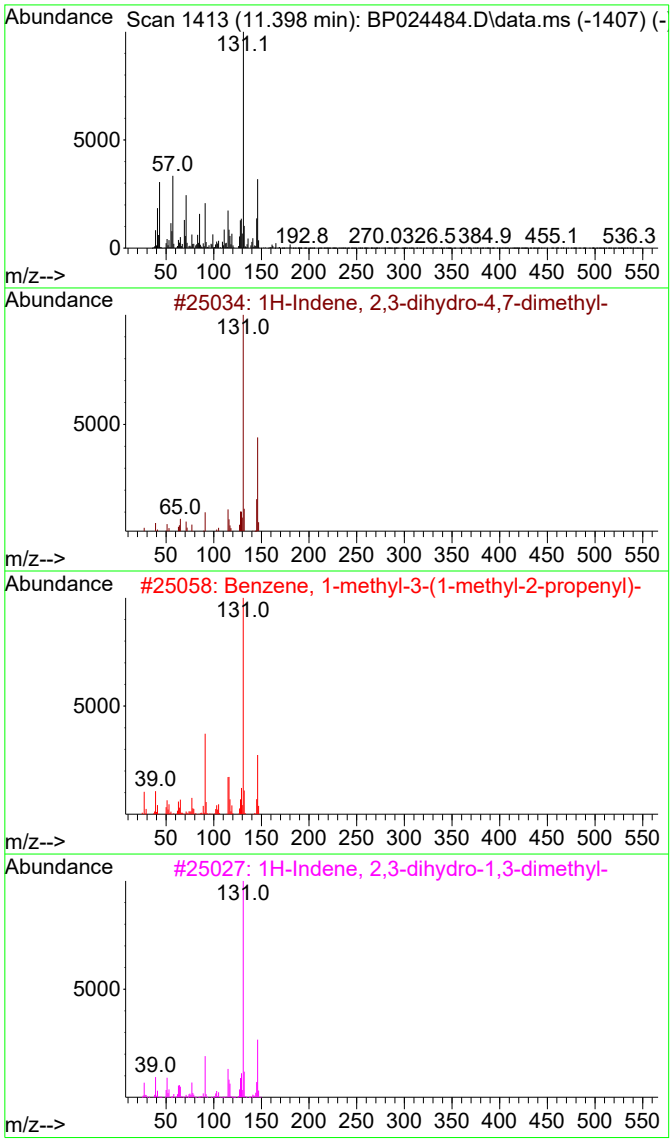
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

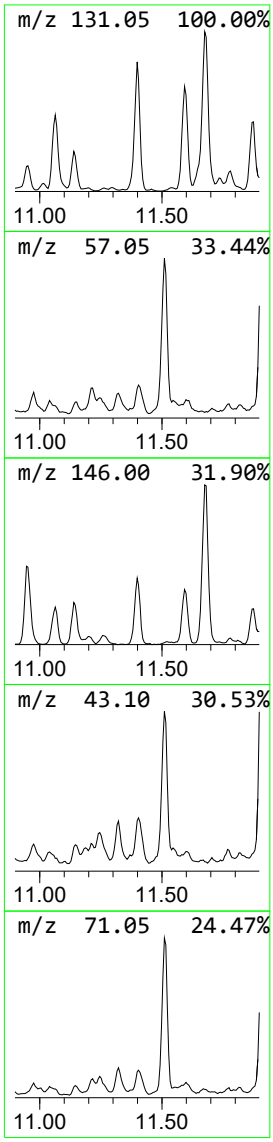
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.398	7.93 ng	910447	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	89
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76





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Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

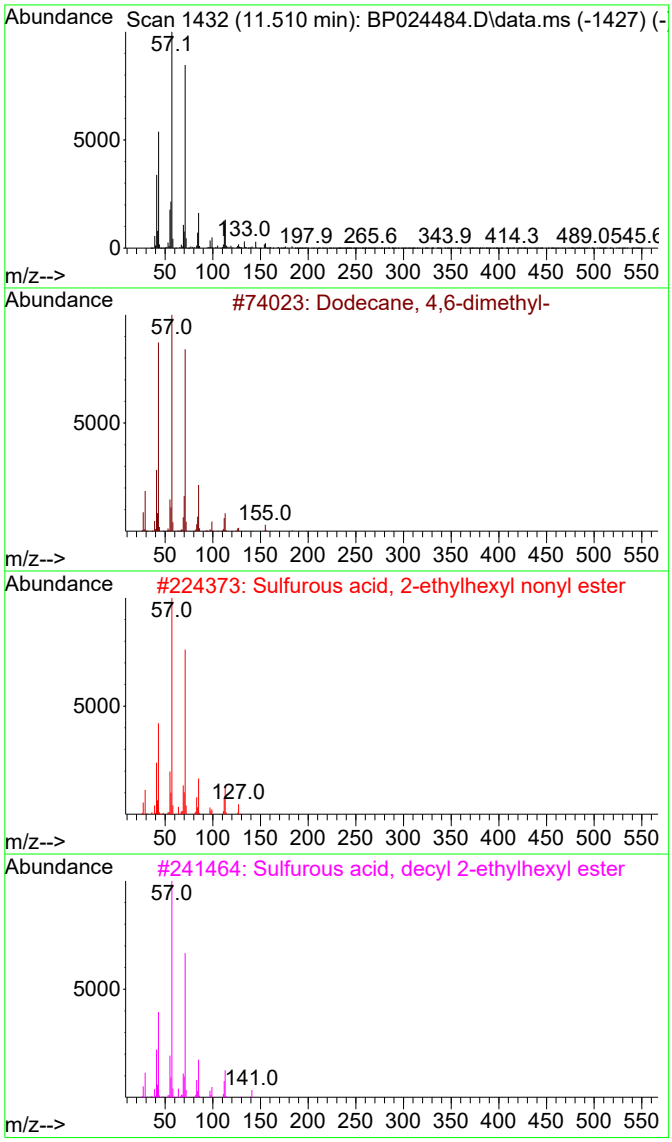
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

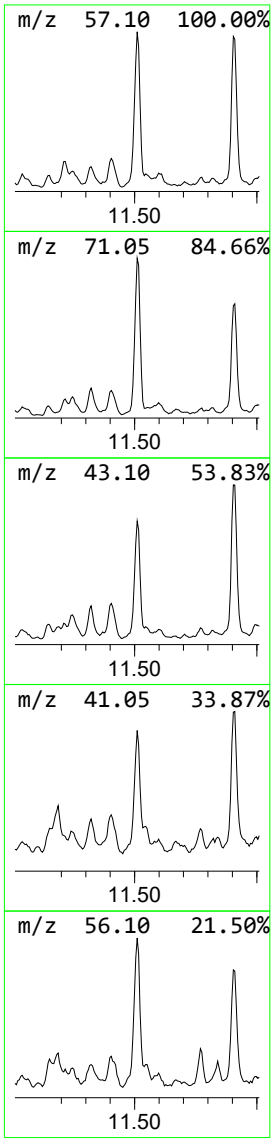
****

Peak Number 10 Dodecane, 4,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.510	10.94 ng	1255180	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





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Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

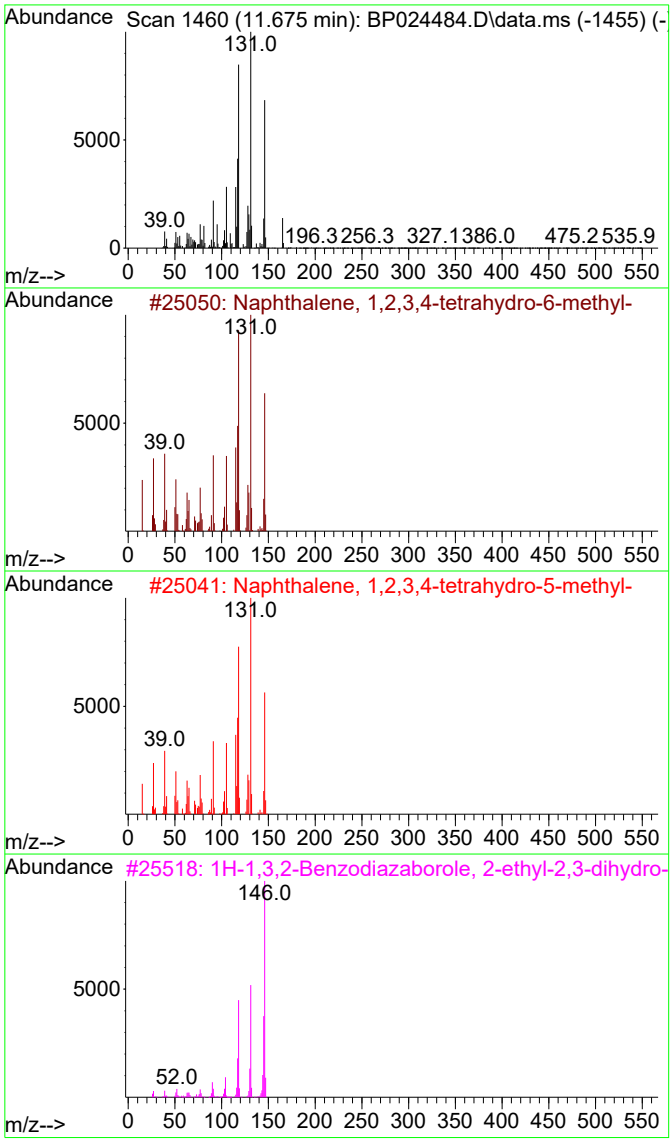
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

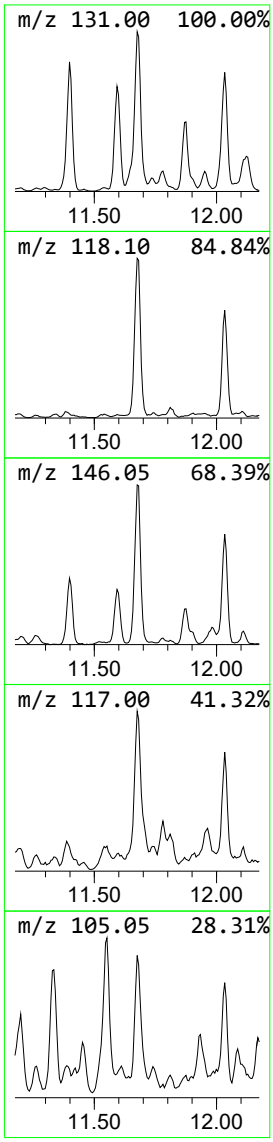
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	9.15 ng	1050410	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	72
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49





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Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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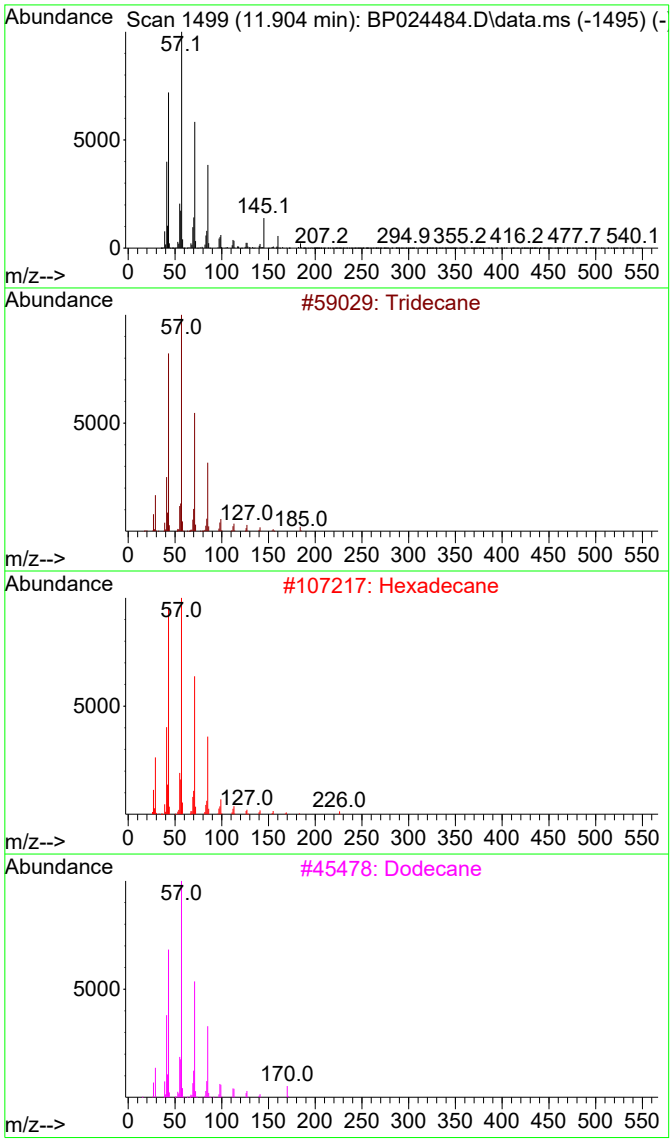
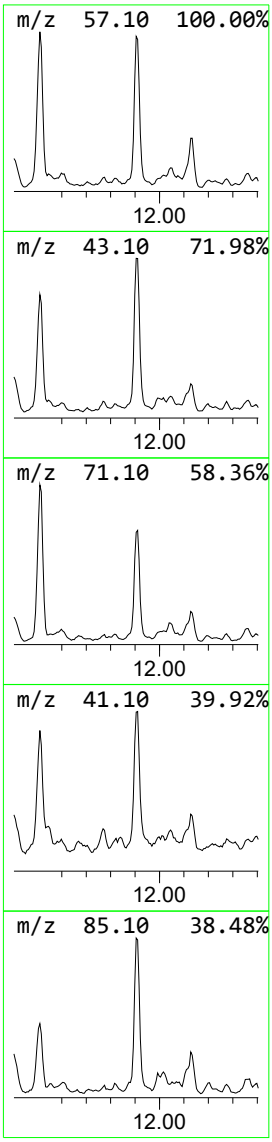
Peak Number 12 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	9.79 ng	1123910	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	74
3	Dodecane	170	C12H26	000112-40-3	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Tetratetracontane	619	C44H90	007098-22-8	59





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Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-04292025

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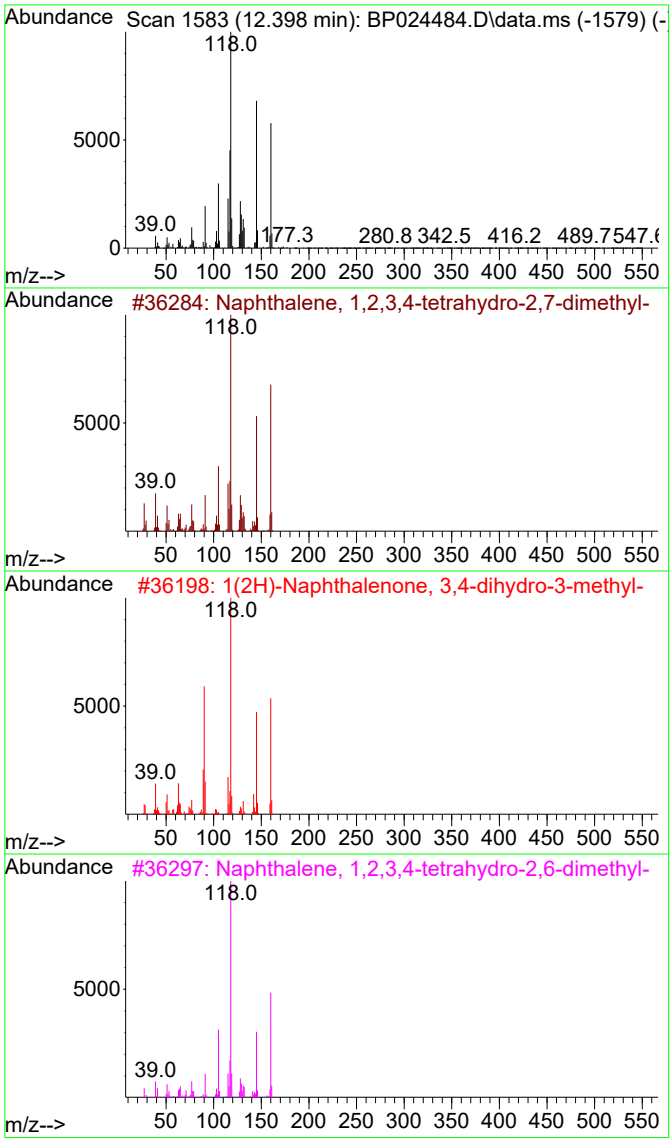
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

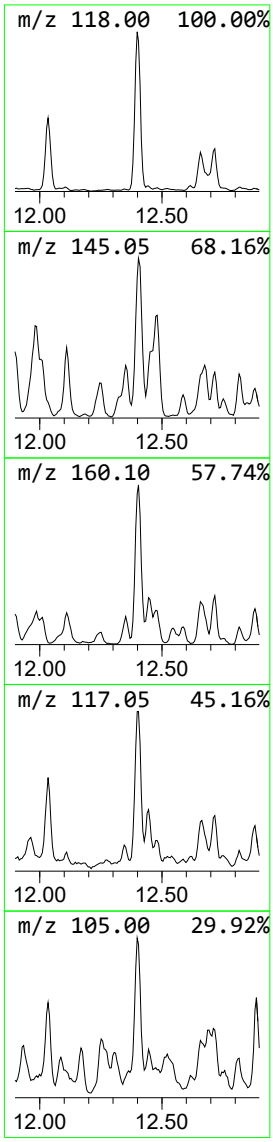
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	8.34 ng	956899	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	52
5	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	52





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Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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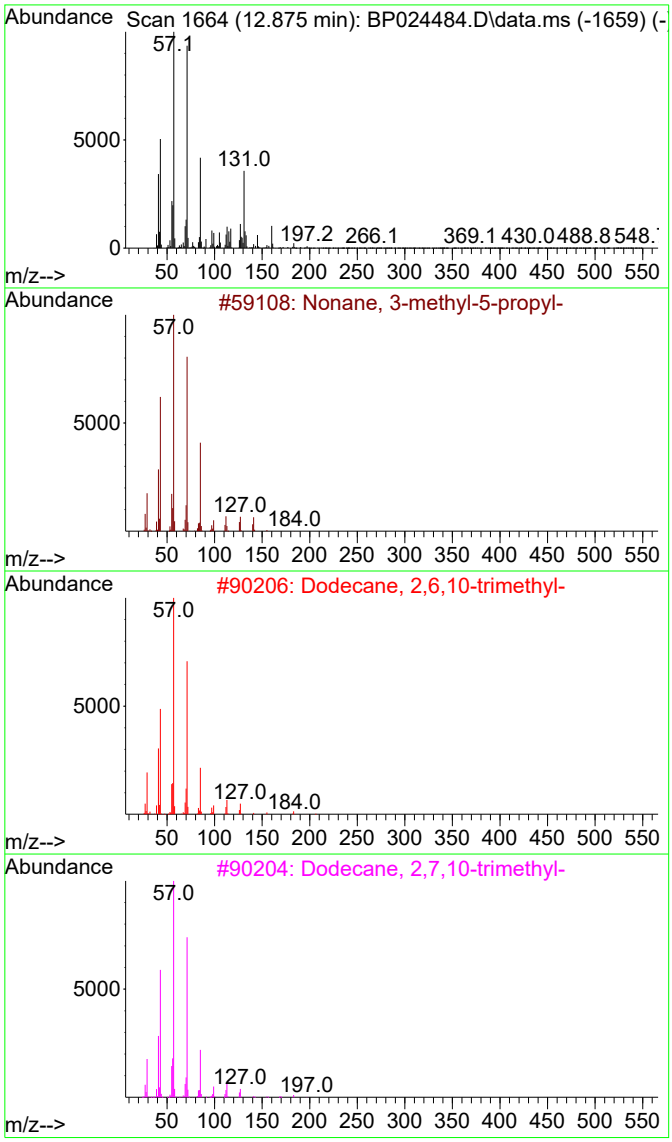
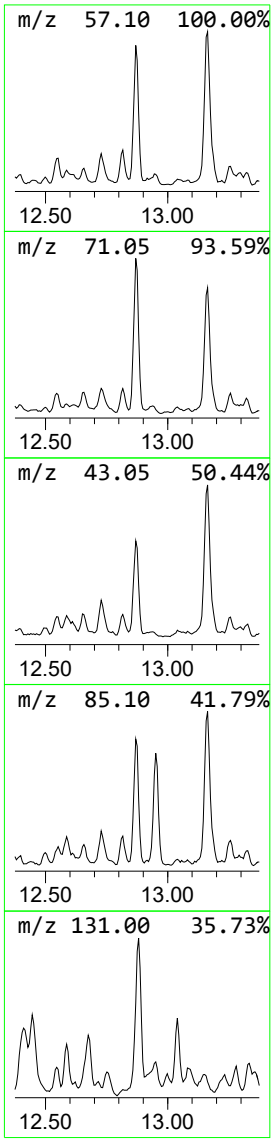
Peak Number 14 Nonane, 3-methyl-5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.875	9.08 ng	1132740	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	58
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





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Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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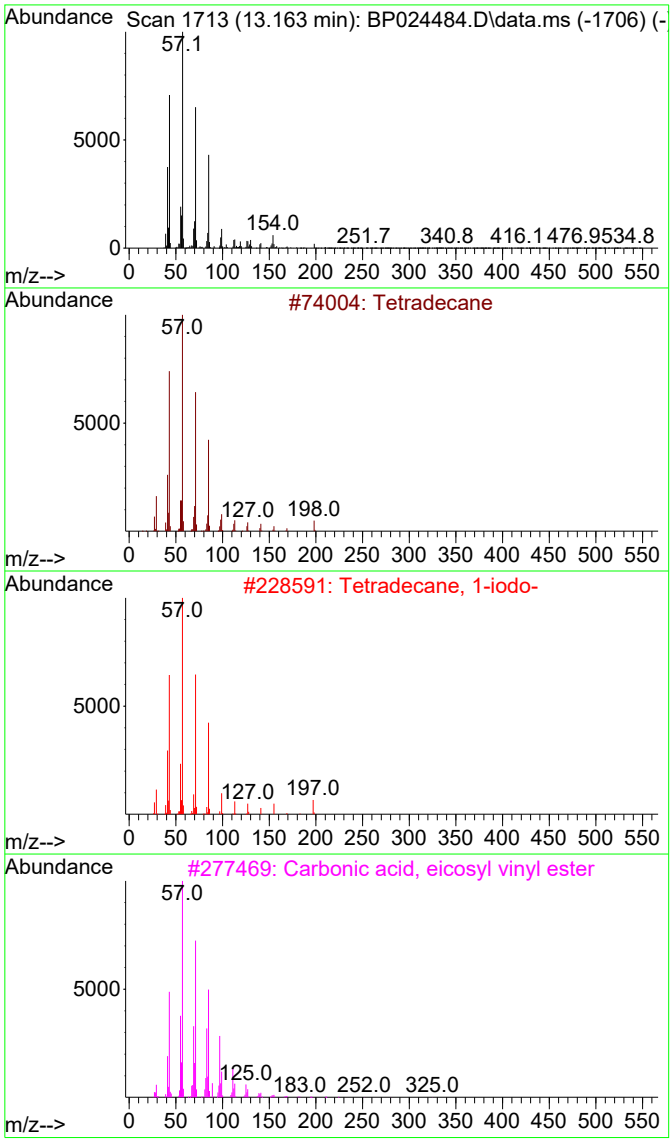
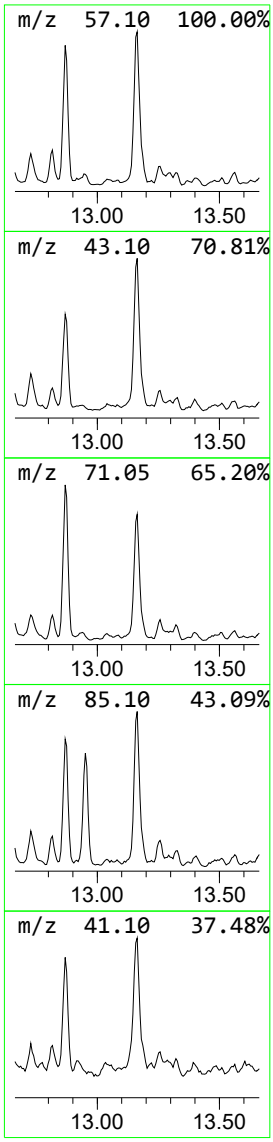
Peak Number 15 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	9.98 ng	1243880	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Sample : Q1911-01 2X
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ALS Vial : 17 Sample Multiplier: 1

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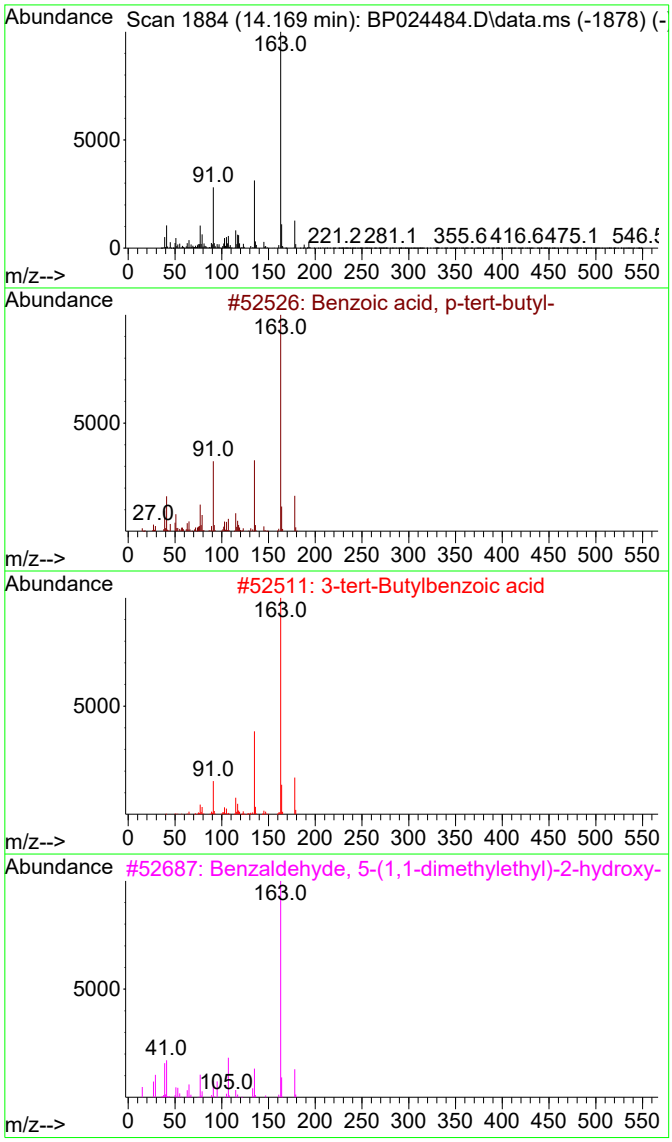
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

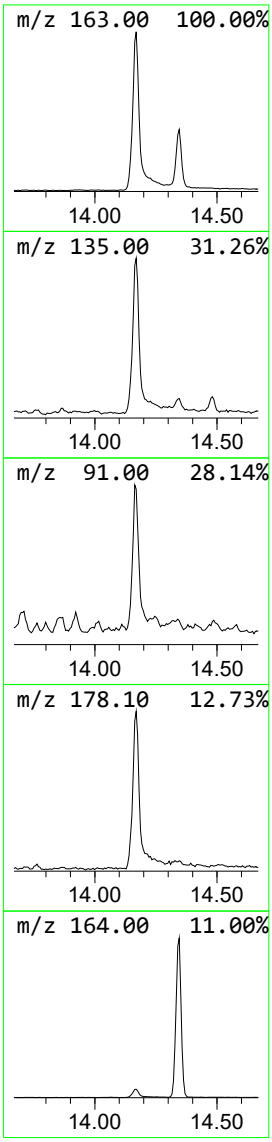
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzoic acid, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	9.03 ng	1126440	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	97
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	87
3	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	68
5	Propanal, 2-(4-ethoxyphenyl)-2-m...	192	C12H16O2	093622-71-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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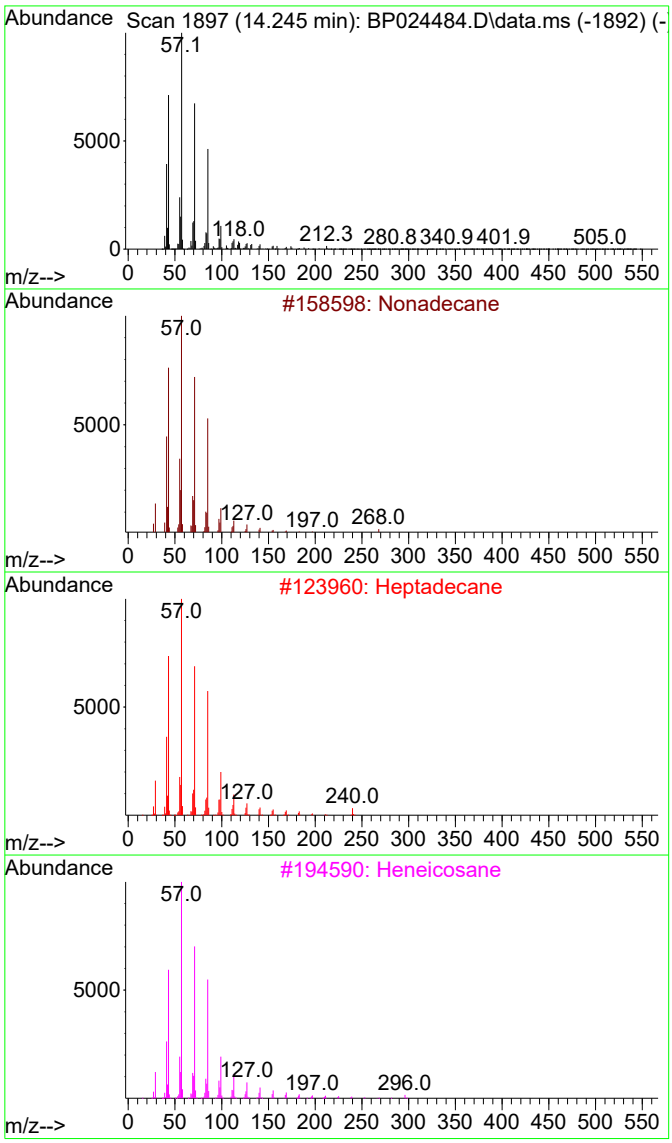
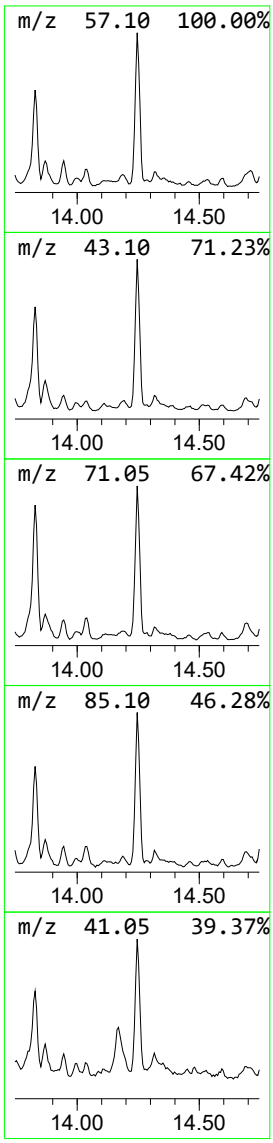
Peak Number 17 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	7.18 ng	894674	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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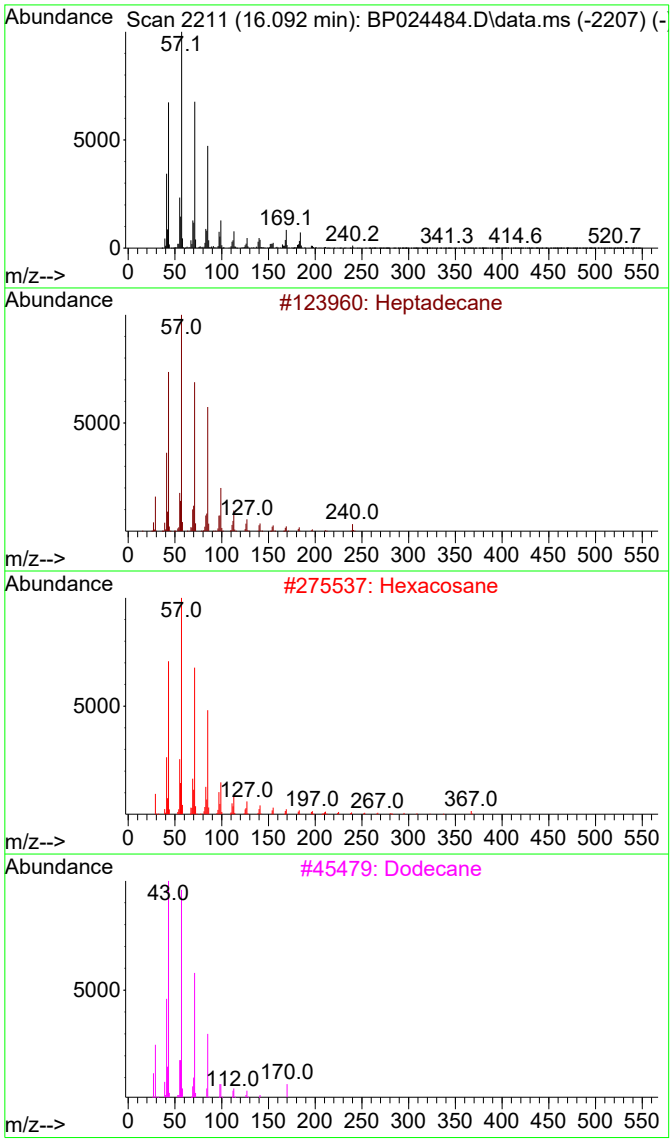
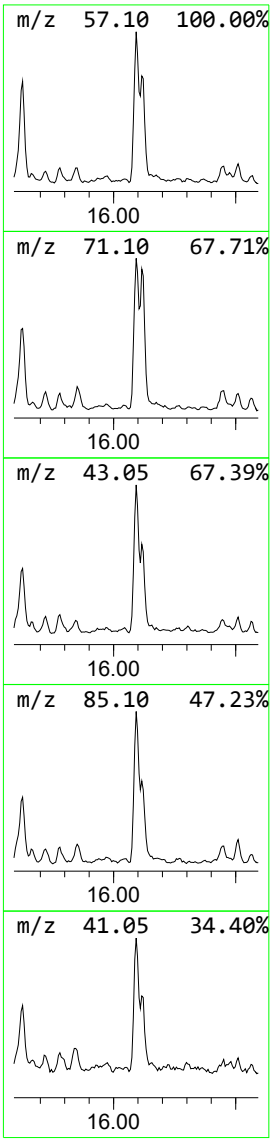
Peak Number 18 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	7.15 ng	792850	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexacosane	366	C26H54	000630-01-3	87
3	Dodecane	170	C12H26	000112-40-3	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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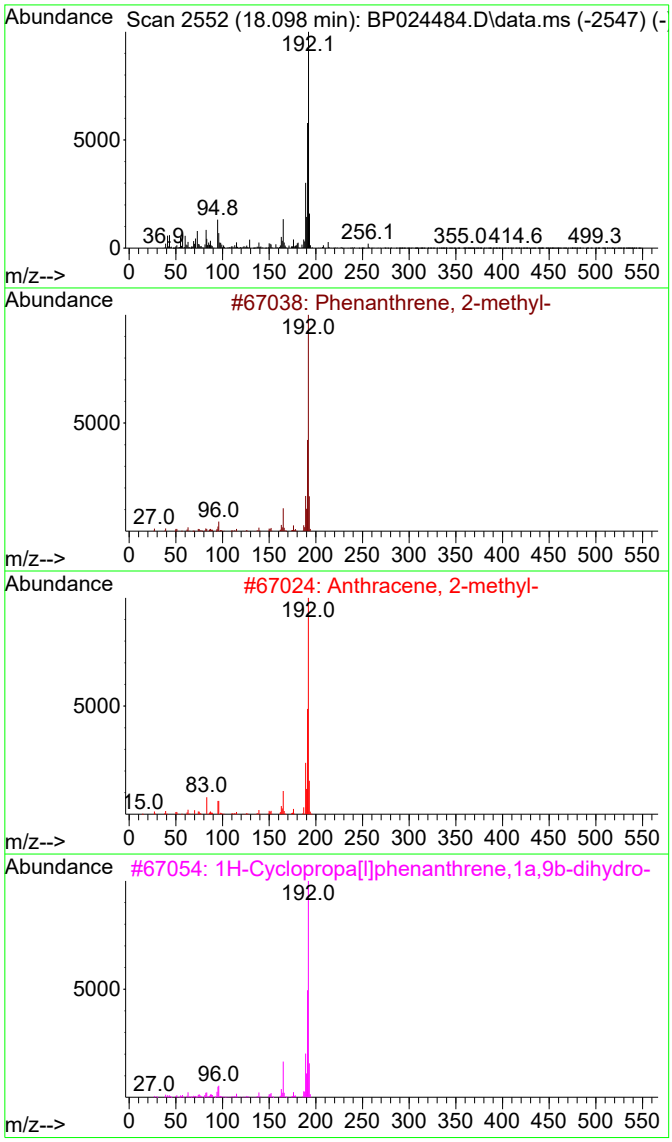
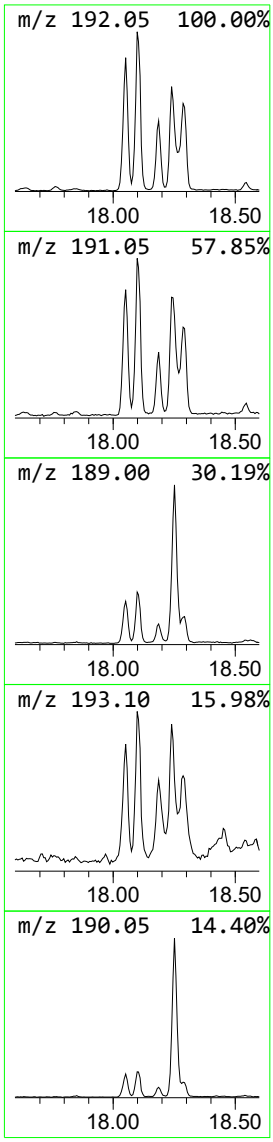
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	9.94 ng	1102440	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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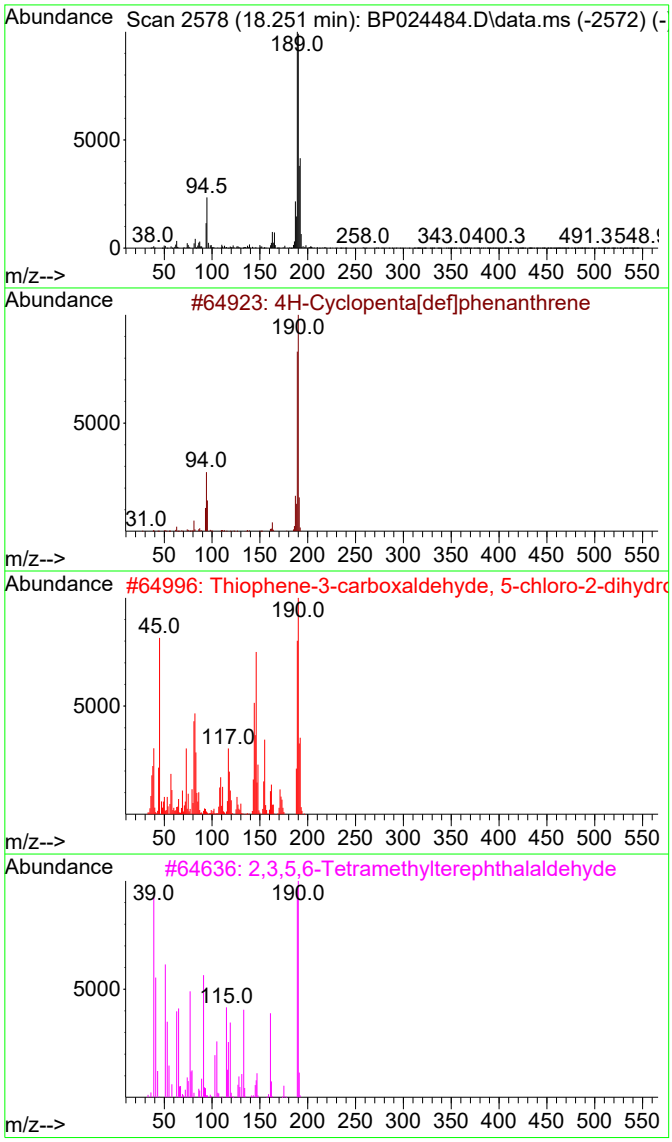
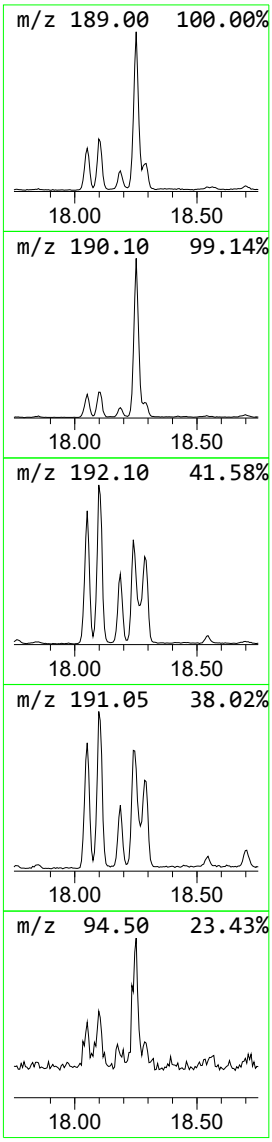
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	7.62 ng	845769	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024484.D
Acq On : 30 Apr 2025 22:13
Operator : RC/JU
Sample : Q1911-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-04292025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
Benzene, 1,2,3,...	8.340	6.6	ng	514335	1	7.710	1548250	20.0
Benzene, 2-ethy...	8.804	11.8	ng	909517	1	7.710	1548250	20.0
Undecane	8.922	10.9	ng	840749	1	7.710	1548250	20.0
Benzene, 1-meth...	9.051	9.1	ng	702342	1	7.710	1548250	20.0
Naphthalene, de...	9.669	7.6	ng	870200	2	10.487	2295460	20.0
1-Phenyl-1-butene	9.887	7.6	ng	877106	2	10.487	2295460	20.0
Undecane, 3,5-d...	10.646	8.0	ng	916192	2	10.487	2295460	20.0
Cyclohexane, he...	11.187	6.6	ng	759084	2	10.487	2295460	20.0
1H-Indene, 2,3-...	11.398	7.9	ng	910447	2	10.487	2295460	20.0
Dodecane, 4,6-d...	11.510	10.9	ng	1255180	2	10.487	2295460	20.0
Naphthalene, 1,...	11.675	9.2	ng	1050410	2	10.487	2295460	20.0
Tridecane	11.904	9.8	ng	1123910	2	10.487	2295460	20.0
Naphthalene, 1,...	12.398	8.3	ng	956899	2	10.487	2295460	20.0
Nonane, 3-methy...	12.875	9.1	ng	1132740	3	14.345	2493660	20.0
Tetradecane	13.163	10.0	ng	1243880	3	14.345	2493660	20.0
Benzoic acid, p...	14.169	9.0	ng	1126440	3	14.345	2493660	20.0
Nonadecane	14.245	7.2	ng	894674	3	14.345	2493660	20.0
Heptadecane	16.092	7.2	ng	792850	4	17.145	2219290	20.0
Phenanthrene, 2...	18.098	9.9	ng	1102440	4	17.145	2219290	20.0
4H-Cyclopenta[d...	18.251	7.6	ng	845769	4	17.145	2219290	20.0