LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.102	22	28	42	rVB	403535	644030	18.20%	1.076%
2	4.031	181	186	192	rVB	143973	193006	5.46%	0.322%
3	6.955	676	683	690	rBV4	60269	136103	3.85%	0.227%
4	7.413	755	761	769	rVB2	181912	343172	9.70%	0.573%
5	7.778	815	823	830	rBV	678485	1156837	32.70%	1.932%
6	8.313	909	914	920	rBV3	66332	145295	4.11%	0.243%
7	8.431	926	934	947	rVB3	94439	266889	7.54%	0.446%
8	8.543	947	953	956	rBV	80291	133420	3.77%	0.223%
9	8.878	1001	1010	1014	rBV3	96119	230077	6.50%	0.384%
10	8.996	1023	1030	1036	rVB	526556	782737	22.13%	1.307%
11	9.137	1036	1054	1060	rBV	989291	3498384	98.89%	5.843%
12	9.519	1116	1119	1131	rVB	139293	233246	6.59%	0.390%
13	9.743	1152	1157	1164	rBV5	73023	137978	3.90%	0.230%
14	9.843	1171	1174	1179	rVB4	88285	134251	3.79%	0.224%
15	9.913	1179	1186	1189	rBV3	108485	179648	5.08%	0.300%
16	9.990	1195	1199	1202	rVB2	97316	124127	3.51%	0.207%
17	10.084	1210	1215	1220	rBV2	93217	146092	4.13%	0.244%
18	10.184	1228	1232	1239	rVB2	74974	133633	3.78%	0.223%
19	10.543	1284	1293	1301	rBV2	923625	2384139	67.39%	3.982%
20	10.713	1317	1322	1328	rVB2	190864	332572	9.40%	0.555%
21	11.384	1431	1436	1442	rVB4	106698	181739	5.14%	0.304%
22	11.460	1442	1449	1456	rBV3	136117	261655	7.40%	0.437%
23	11.578	1463	1469	1478	rBV3	133545	301867	8.53%	0.504%
24	11.737	1491	1496	1504	rVB3	125192	225884	6.38%	0.377%
25	11.972	1531	1536	1542	rBV	494274	708301	20.02%	1.183%
26	12.190	1567	1573	1582	rVB2	222105	498159	14.08%	0.832%
27	12.466	1615	1620	1624	rVB2	94041	157905	4.46%	0.264%
28	12.613	1639	1645	1648	rBV3	107689	178069	5.03%	0.297%
29	12.778	1669	1673	1680	rVB2	114826	194469	5.50%	0.325%
30	12.878	1686	1690	1695	rBV2	114895	191148	5.40%	0.319%
31	12.937	1696	1700	1705	rVV3	152297	206926	5.85%	0.346%
32	13.007	1708	1712	1720	rVB2	133363	218180	6.17%	0.364%
33	13.225	1743	1749	1756	rVB	493711	721912	20.41%	1.206%
34	13.331	1760	1767	1771	rBV4	85003	197944	5.60%	0.331%
35	13.548	1798	1804	1811	rBV7	44847	120545	3.41%	0.201%
36	13.737	1831	1836	1843	rBV	718025	1026650	29.02%	1.715%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.854	1852	1856	1858	rBV4	122440	161009	4.55%	0.269%
38	13.931	1864	1869	1875	rVV4	173976	325036	9.19%	0.543%
39	14.007	1879	1882	1885	rVV	114778	132289	3.74%	0.221%
40	14.048	1885	1889	1894	rVB6	96102	136707	3.86%	0.228%
41	14.195	1910	1914	1918	rBV	178477	298541	8.44%	0.499%
42	14.237	1918	1921	1927	rVB	175128	284118	8.03%	0.475%
43	14.307	1928	1933	1937	rBV	512682	680893	19.25%	1.137%
44	14.395	1941	1948	1958	rVV	1398538	2320579	65.59%	3.876%
45	14.684	1993	1997	2002	rVB	236410	351743	9.94%	0.588%
46	14.748	2004	2008	2015	rVV2	183876	392291	11.09%	0.655%
47	14.807	2015	2018	2023	rVB2	134454	180591	5.10%	0.302%
48	14.866	2025	2028	2033	rVB4	123856	158940	4.49%	0.265%
49	14.931	2034	2039	2045	rVB3	180341	284812	8.05%	0.476%
50	15.001	2047	2051	2054	rBV	141774	194002	5.48%	0.324%
51	15.101	2064	2068	2077	rVB2	567409	841038	23.77%	1.405%
52	15.266	2092	2096	2101	rVB	431698	588702	16.64%	0.983%
53	15.336	2103	2108	2111	rBV2	111293	220472	6.23%	0.368%
54	15.666	2160	2164	2166	rBV3	263356	372120	10.52%	0.622%
55	15.772	2179	2182	2188	rVB	206084	273944	7.74%	0.458%
56	15.831	2188	2192	2198	rBV	180853	276297	7.81%	0.461%
57	15.901	2200	2204	2208	rVB2	233380	325909	9.21%	0.544%
58	16.148	2241	2246	2249	rBV	608141	1003981	28.38%	1.677%
59	16.383	2283	2286	2294	rBV2	138288	253663	7.17%	0.424%
60	16.501	2301	2306	2313	rBV3	430762	1066516	30.15%	1.781%
61	16.613	2322	2325	2328	rBV	145526	179893	5.08%	0.300%
62	16.736	2342	2346	2349	rBV	598080	673973	19.05%	1.126%
63	16.960	2380	2384	2387	rBV	495973	744001	21.03%	1.243%
64	16.989	2387	2389	2406	rVB2	591882	1504993	42.54%	2.514%
65	17.183	2418	2422	2428	rBV2	1303794	2091153	59.11%	3.493%
66	17.278	2434	2438	2442	rBV	265741	425535	12.03%	0.711%
67	17.454	2465	2468	2474	rBV3	171175	268779	7.60%	0.449%
68	17.519	2476	2479	2484	rVB	278302	369689	10.45%	0.617%
69	17.725	2510	2514	2522	rBV	459580	1121406	31.70%	1.873%
70	17.895	2538	2543	2548	rVB2	833047	1518673	42.93%	2.537%
71	18.013	2560	2563	2568	rBV2	487226	917838	25.94%	1.533%
72	18.183	2590	2592	2597	rBV	272576	357378	10.10%	0.597%
73	18.248	2600	2603	2608	rVV	515311	710131	20.07%	1.186%
74	18.454	2634	2638	2642	rBV	954498	1688975	47.74%	2.821%
75	18.701	2677	2680	2686	rBV	867291	1747192	49.39%	2.918%
76	18.860	2705	2707	2710	rBV	464496	477708	13.50%	0.798%

LSC Area Percent Report

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Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.925	2715	2718	2722	rVB	763554	979405	27.68%	1.636%
78	19.083	2742	2745	2746	rBV2	1110289	1223827	34.59%	2.044%
79	19.330	2783	2787	2796	rBV2	1528511	3302049	93.34%	5.515%
80	19.701	2847	2850	2854	rVB	1338632	1810283	51.17%	3.024%
81	19.830	2869	2872	2877	rVB	2688437	3537780	100.00%	5.909%
82	19.883	2878	2881	2882	rBV2	947606	1099861	31.09%	1.837%
83	20.260	2942	2945	2949	rBV2	1548038	2119898	59.92%	3.541%
84	20.442	2974	2976	2983	rBV4	1771539	3149387	89.02%	5.260%

Sum of corrected areas: 59870989

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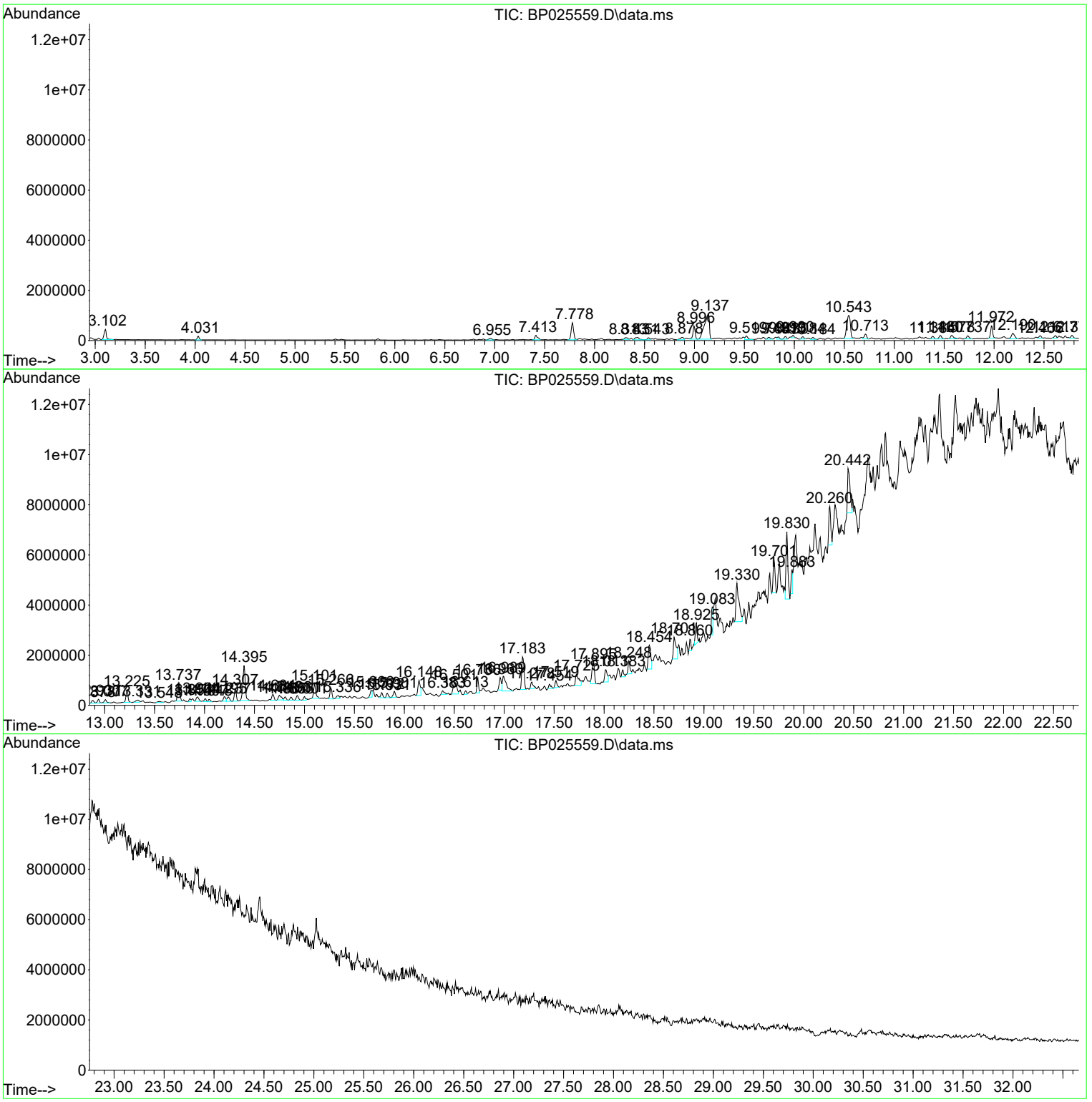
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

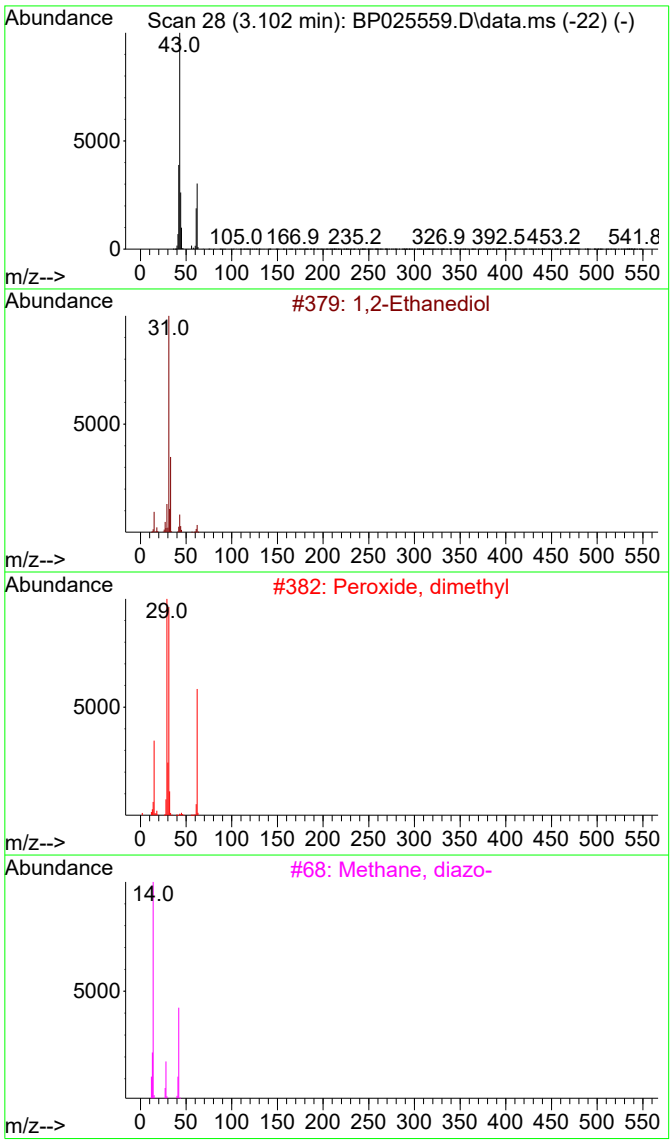
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

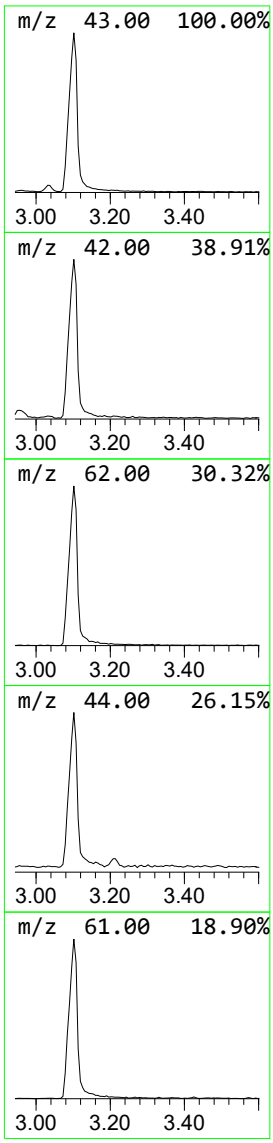
****

Peak Number 1 unknown3.102 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.102	11.13 ng	644030	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol	62	C2H6O2	000107-21-1	9
2	Peroxide, dimethyl	62	C2H6O2	000690-02-8	5
3	Methane, diazo-	42	CH2N2	000334-88-3	3
4	Diazirine	42	CH2N2	1000305-84-1	3
5	Monoethanolamine	61	C2H7NO	000141-43-5	3





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

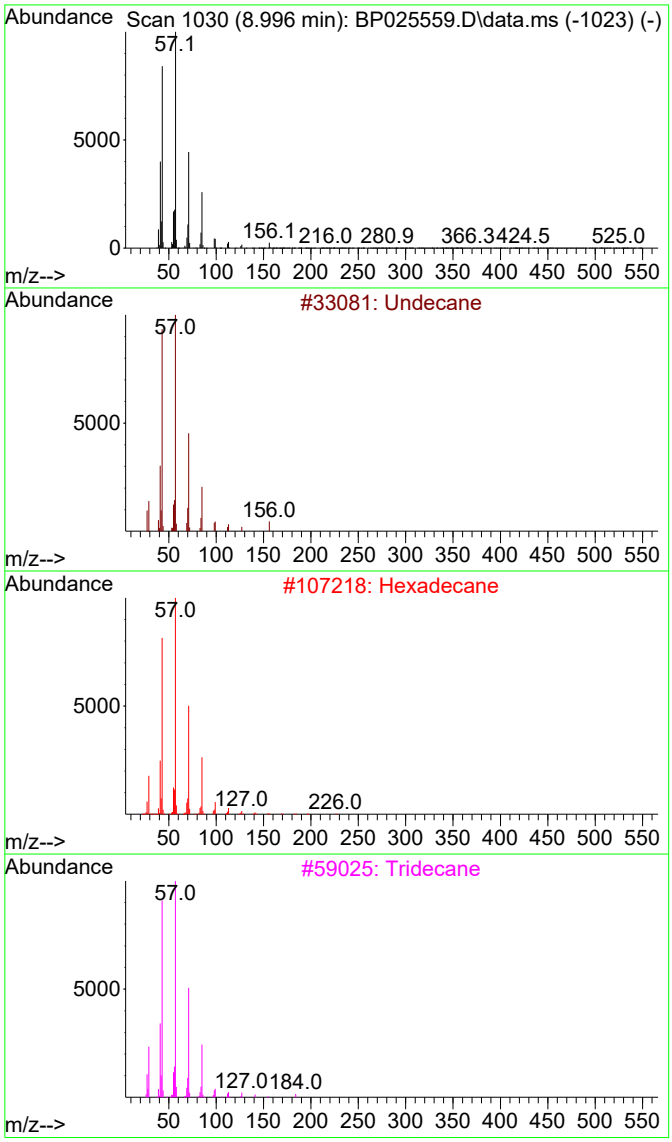
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

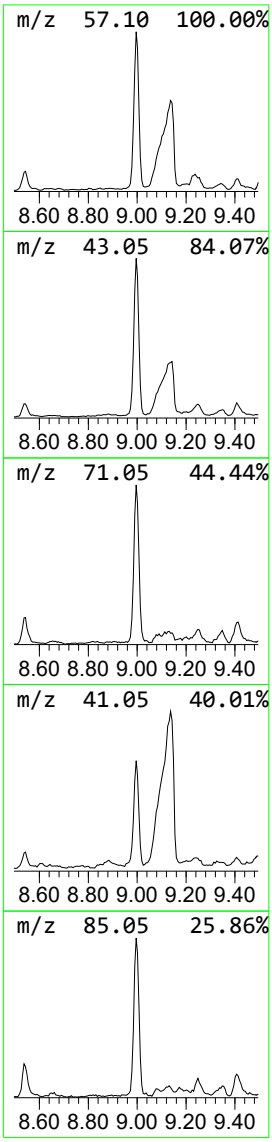
****

Peak Number 2 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.996	13.53 ng	782737	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
5	Nonane	128	C9H20	000111-84-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

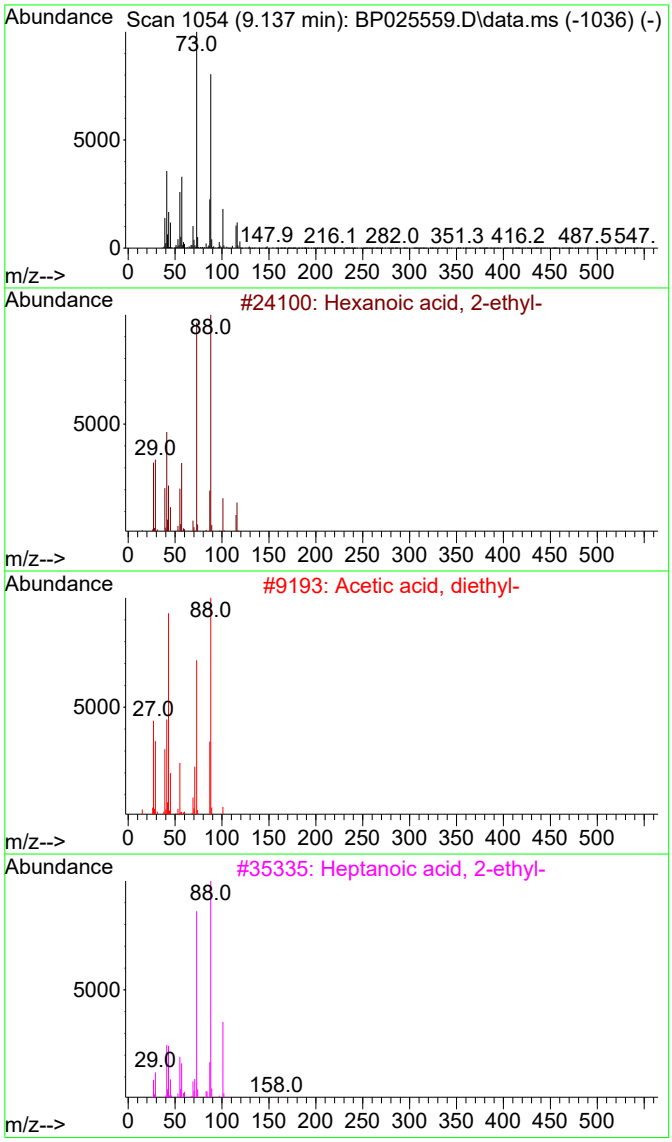
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

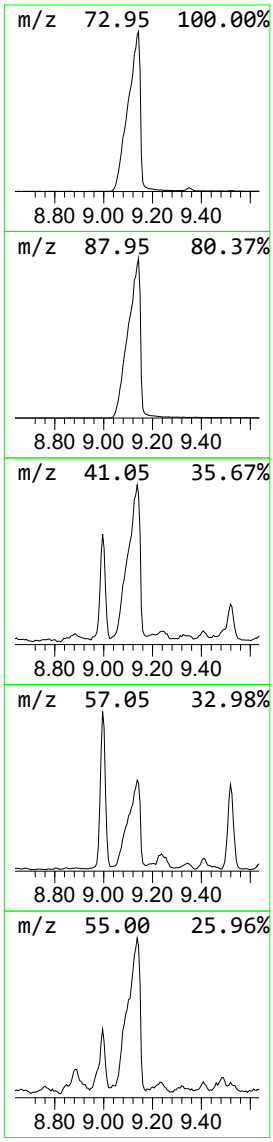
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	60.48 ng	3498380	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
5	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	50





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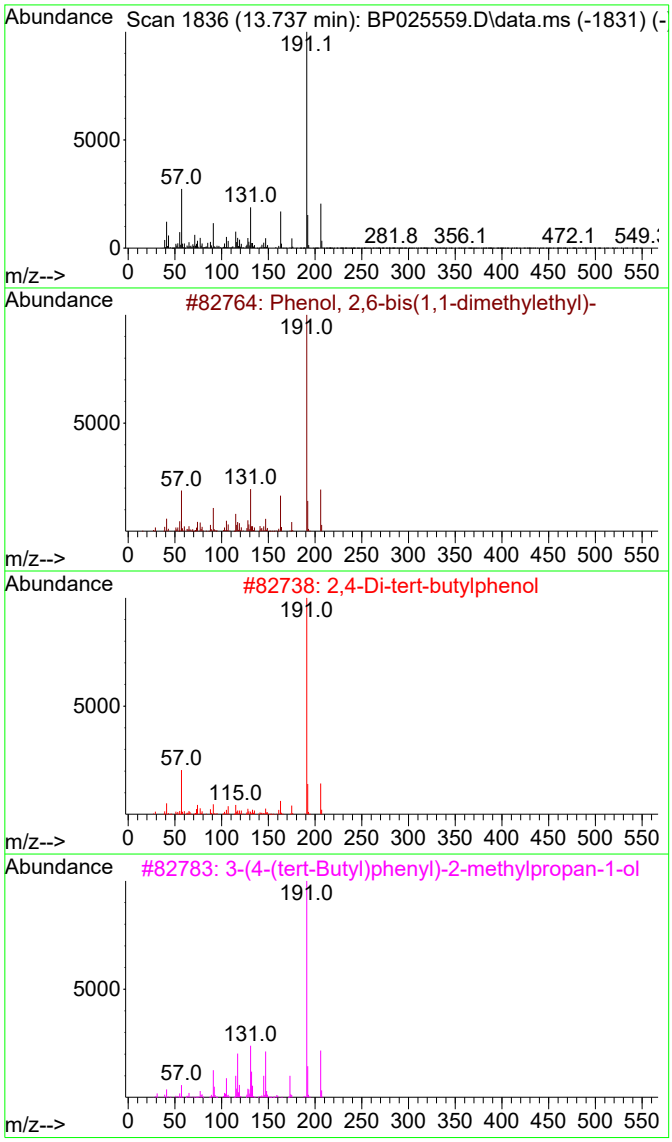
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

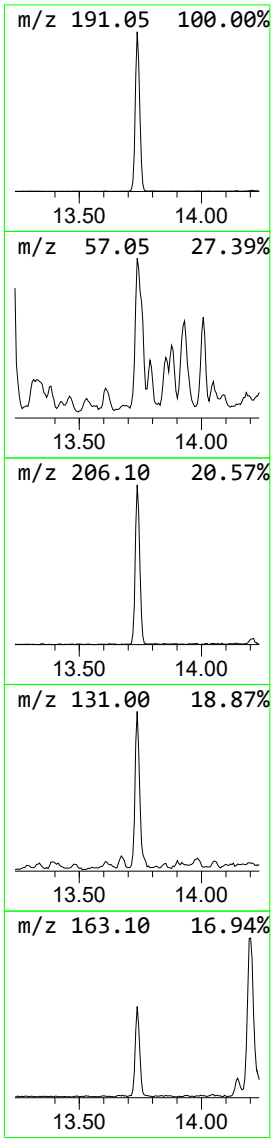
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.737	8.85 ng	1026650	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	98
2	2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	90
3	3-(4-(tert-Butyl)phenyl)-2-methy...	206	C14H22O	056107-04-1	81
4	2,4-Di-tert-butylphenol, acetate	248	C16H24O2	104316-22-5	80
5	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	72





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

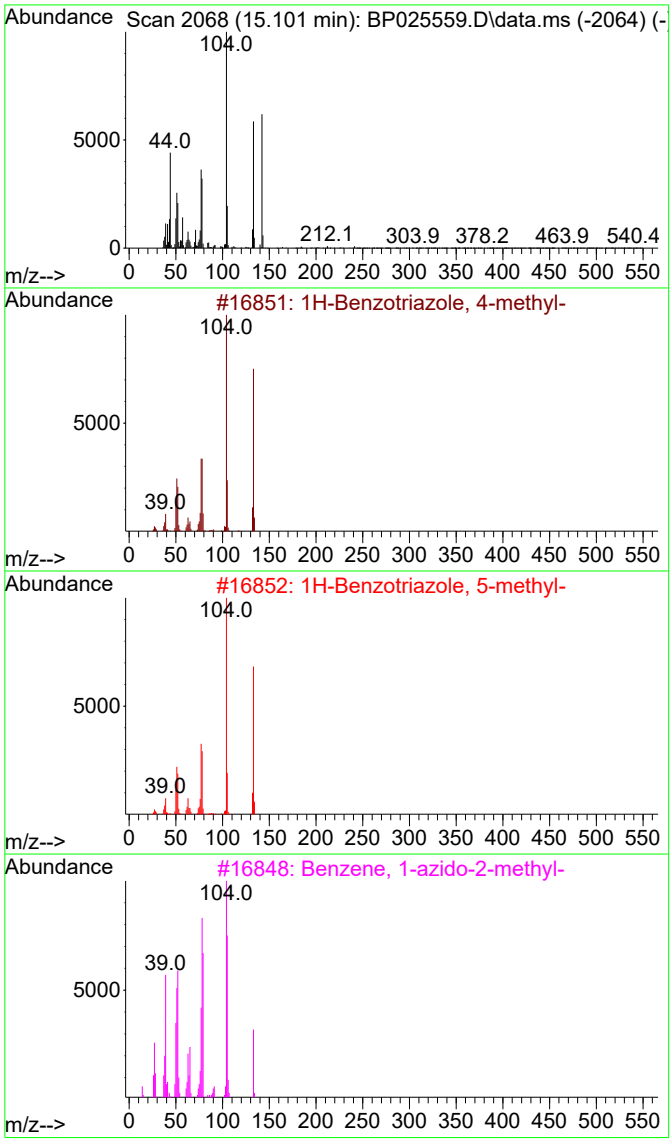
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

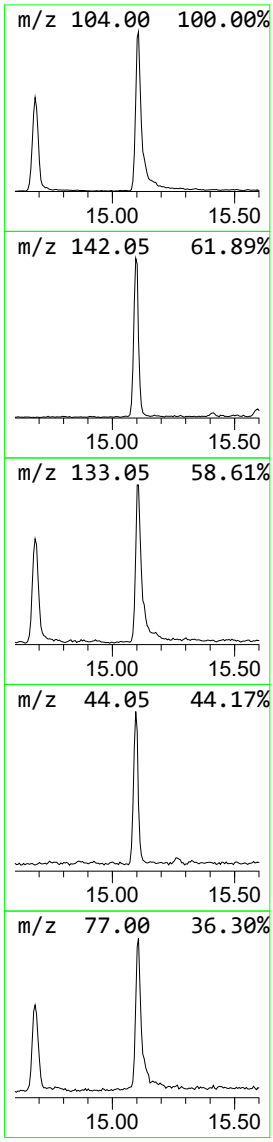
****

Peak Number 5 1H-Benzotriazole, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.101	7.25 ng	841038	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	58
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	58
5	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

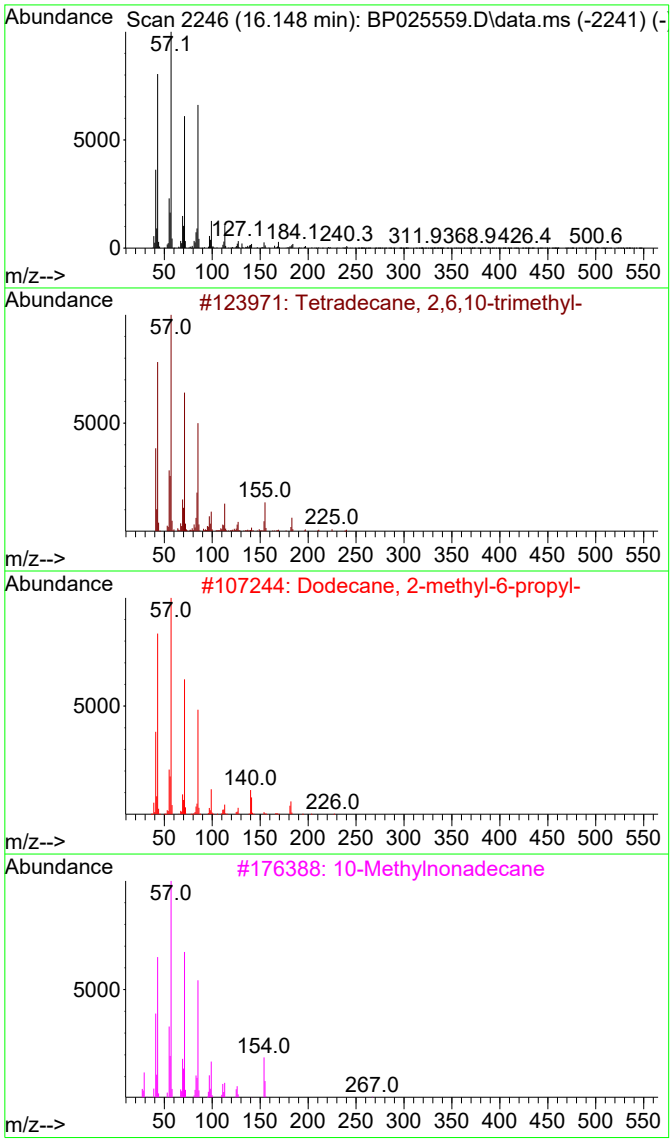
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

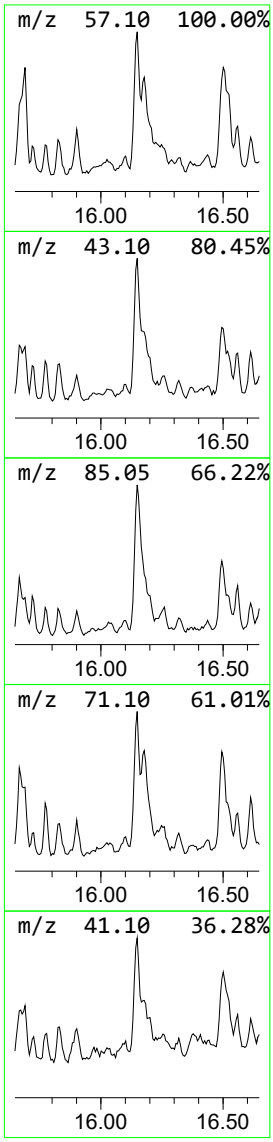
****

Peak Number 6 Tetradecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.148	9.60 ng	1003980	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	86
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
5	Octadecane	254	C18H38	000593-45-3	78





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Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
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

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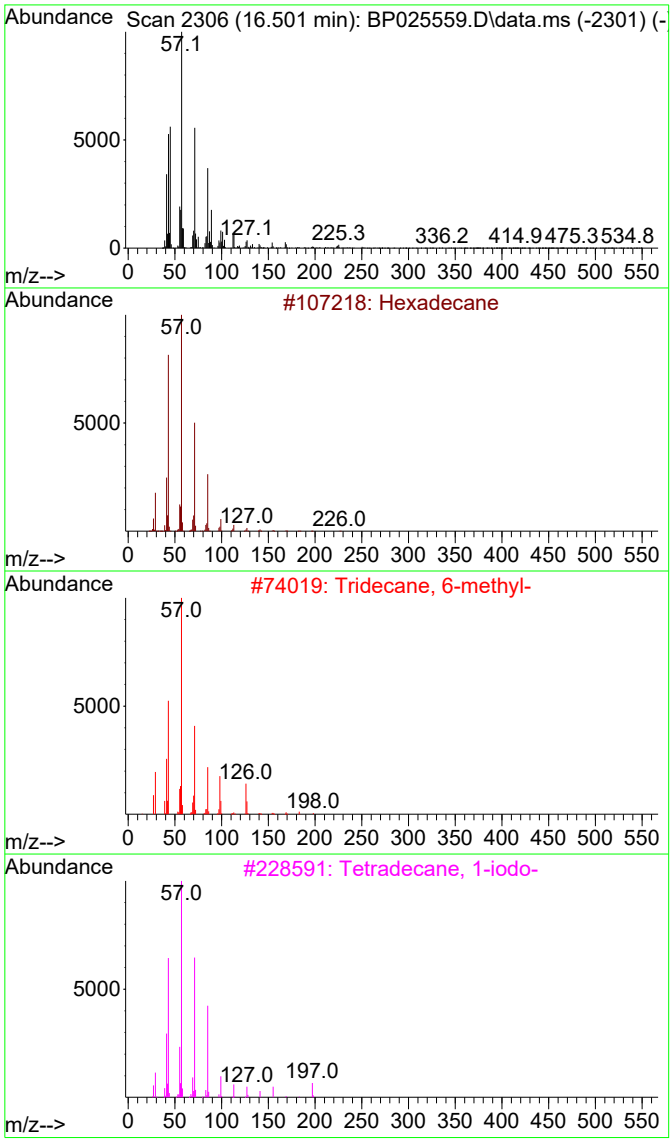
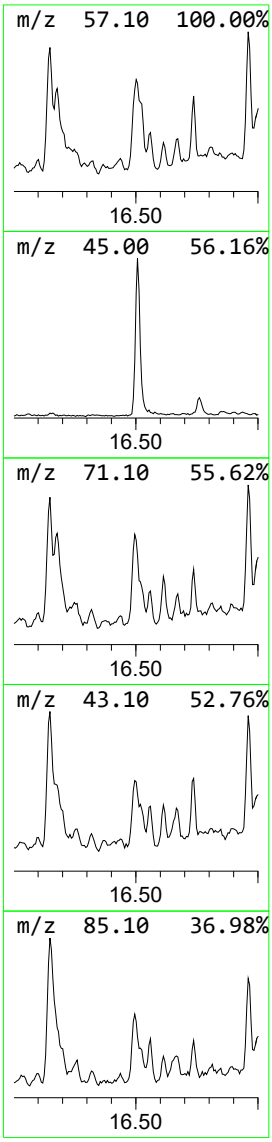
Peak Number 7 unknown16.501 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	10.20 ng	1066520	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43
5	Tetratetracontane	619	C44H90	007098-22-8	43





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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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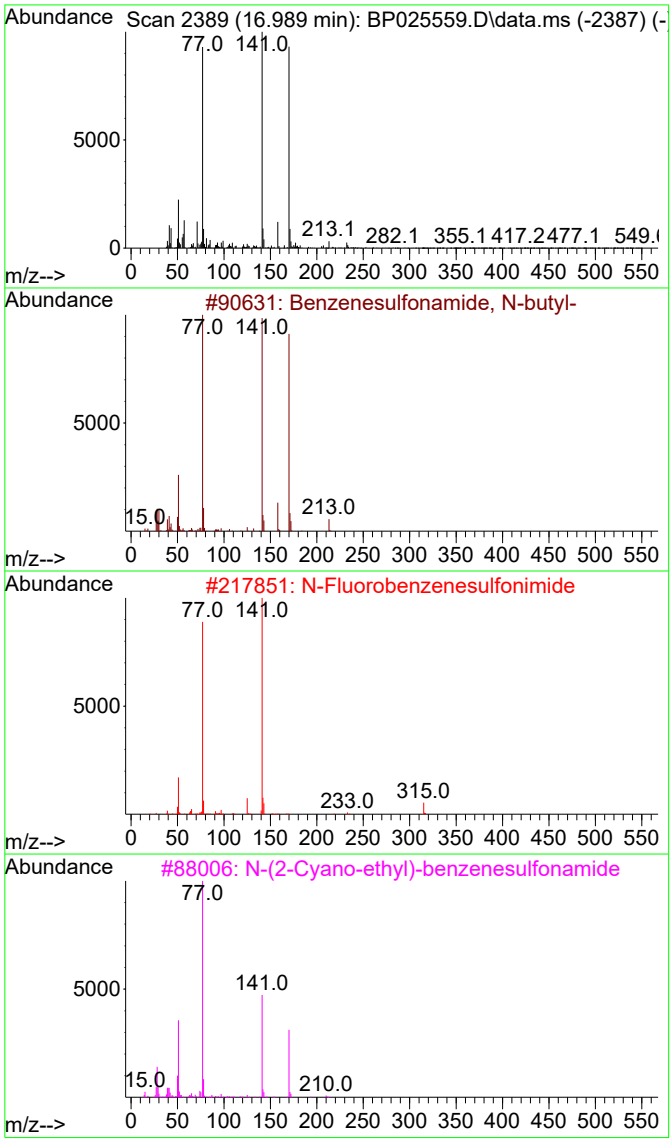
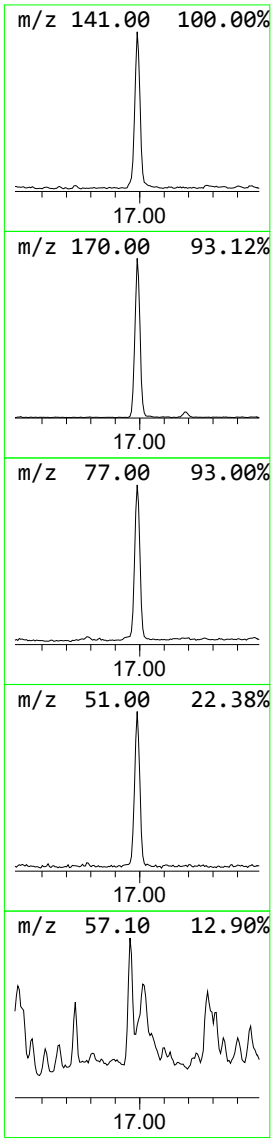
Peak Number 8 Benzenesulfonamide, N-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.989	14.39 ng	1504990	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	58
2	N-Fluorobenzenesulfonimide	315	C12H10FNO4S2	133745-75-2	47
3	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	45
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	43
5	4H-1,2,4-Triazole-4-benzenesulfo...	224	C8H8N4O2S	029982-62-5	38





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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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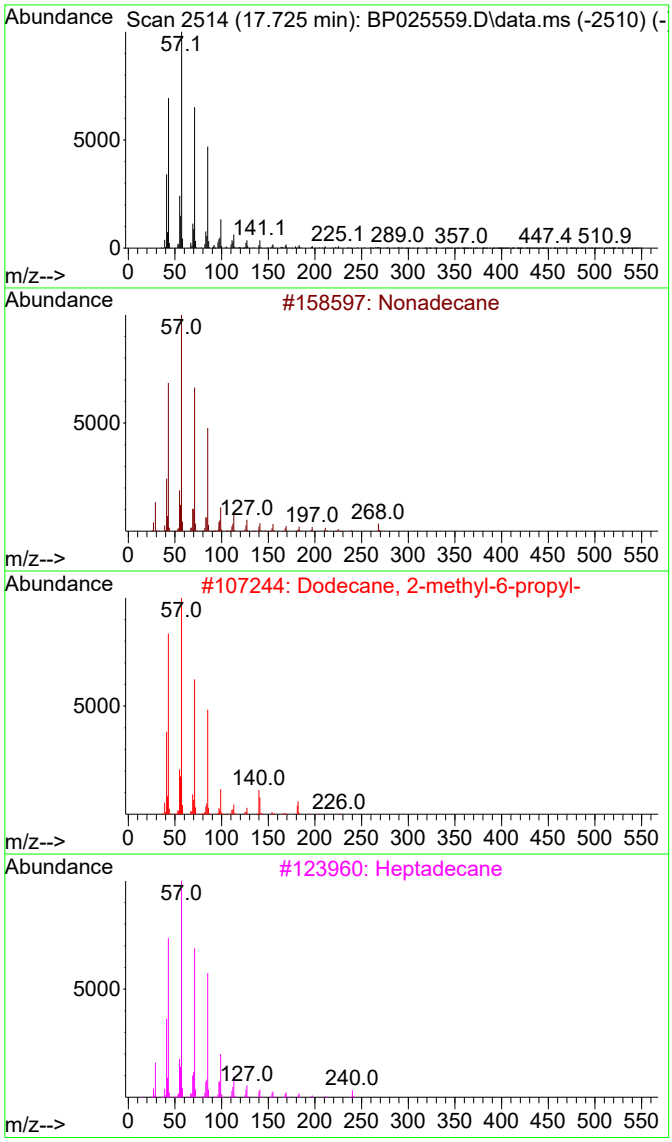
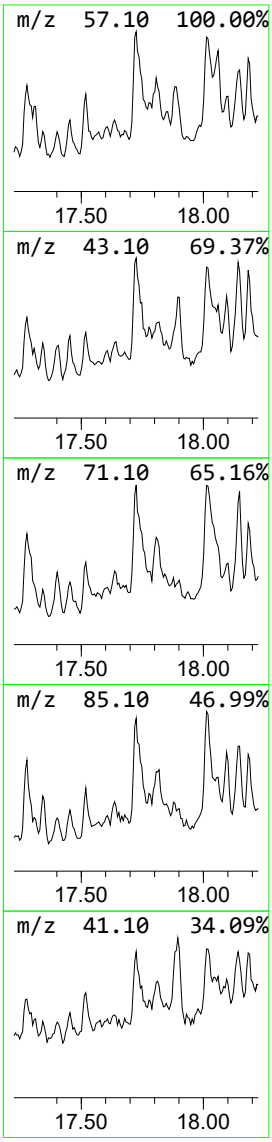
Peak Number 9 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.725	10.73 ng	1121410	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heptadecane	240	C17H36	000629-78-7	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetradecane	198	C14H30	000629-59-4	87





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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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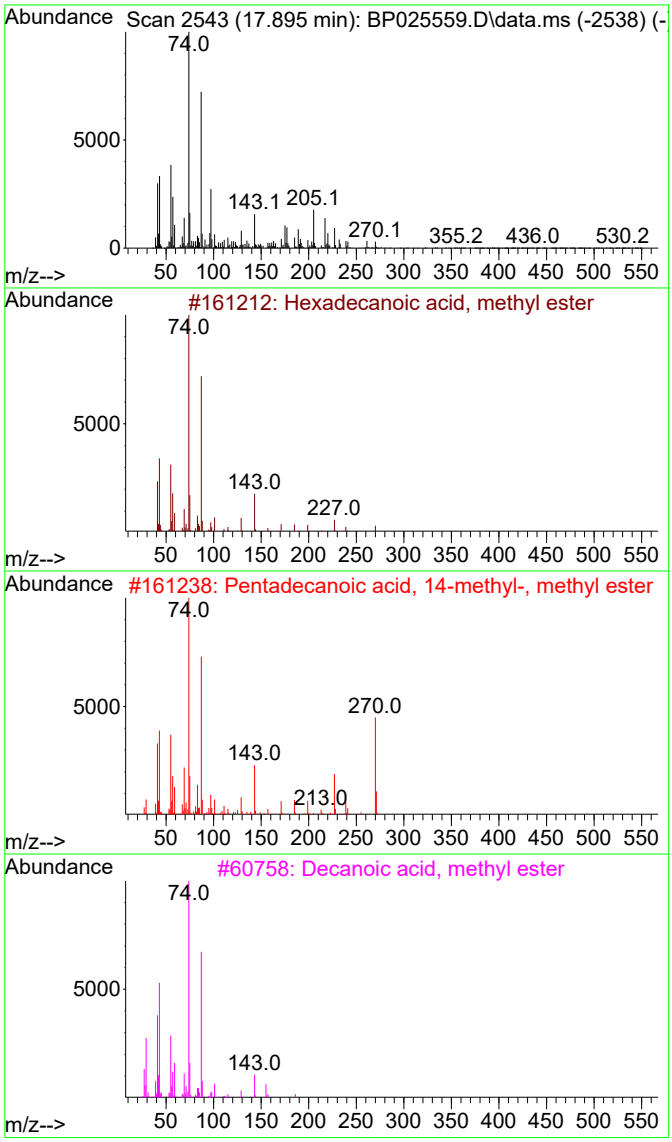
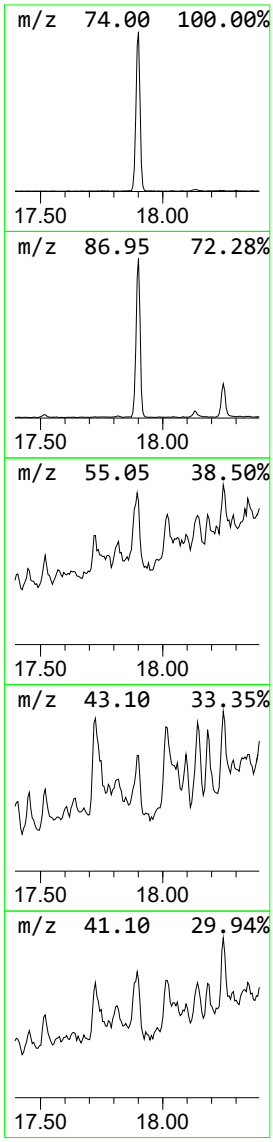
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	14.52 ng	1518670	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	60
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	60
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	60





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ALS Vial : 17 Sample Multiplier: 1

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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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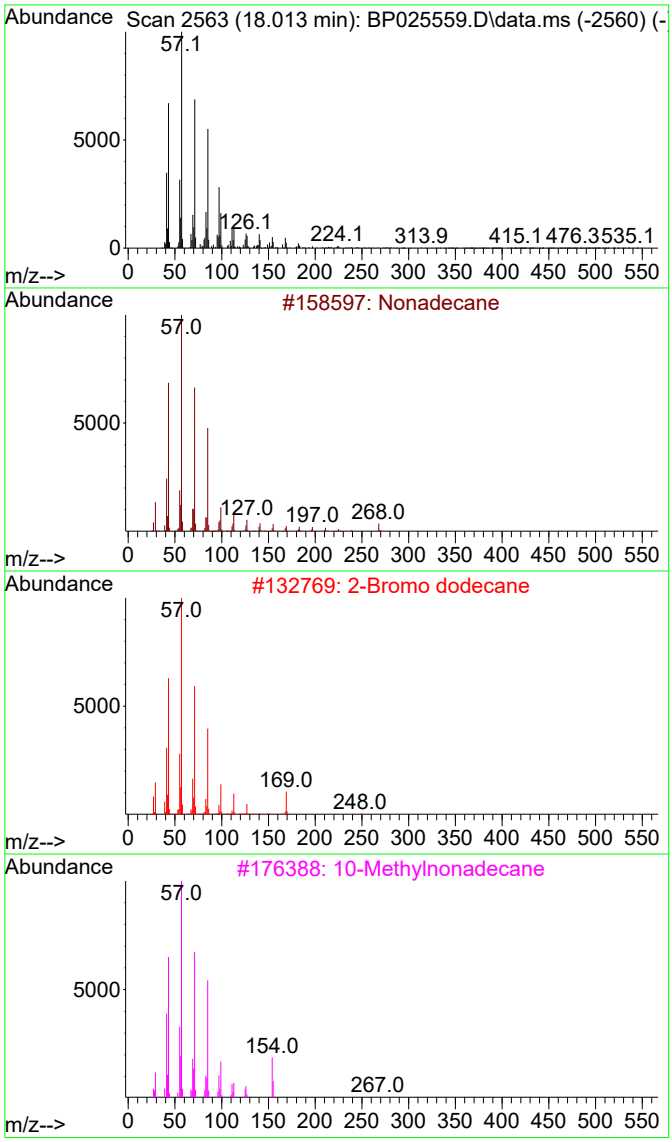
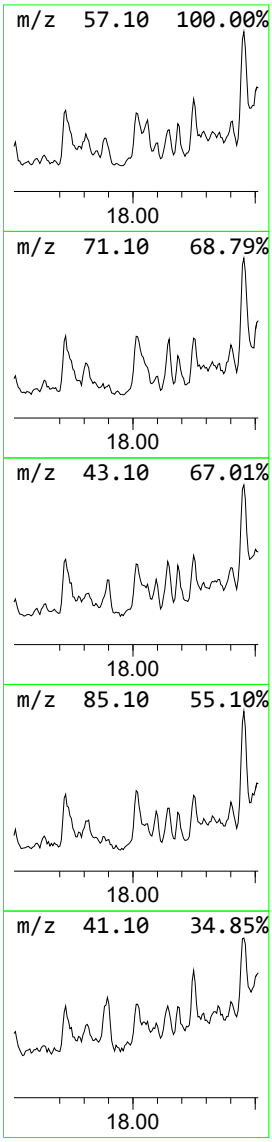
Peak Number 11 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.013	8.78 ng	917838	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81





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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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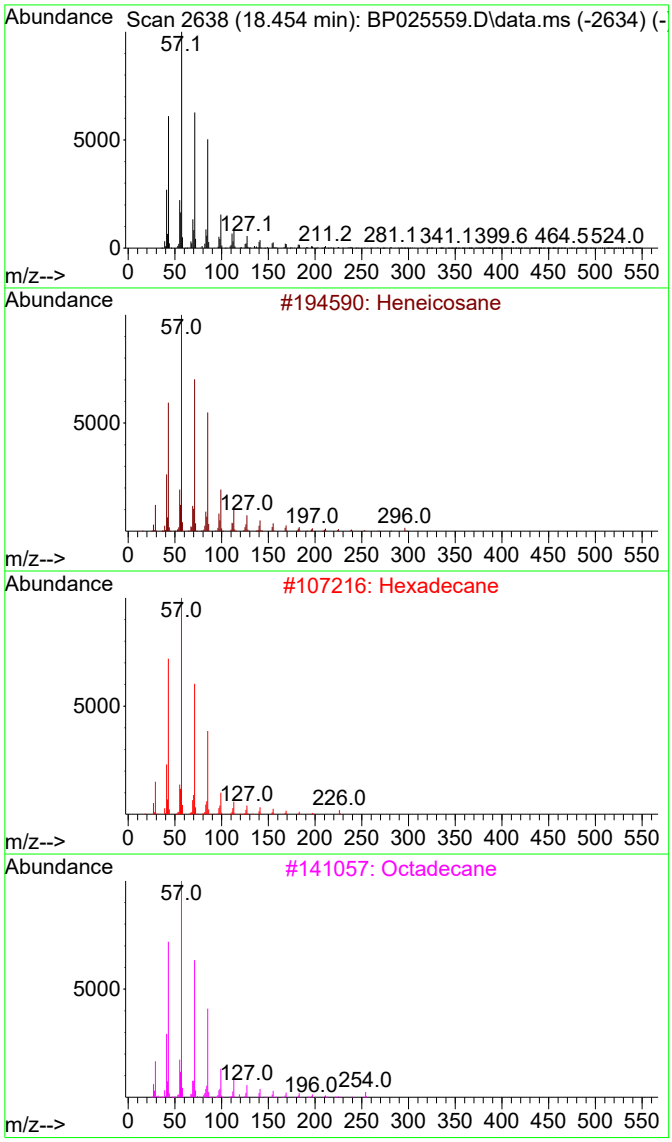
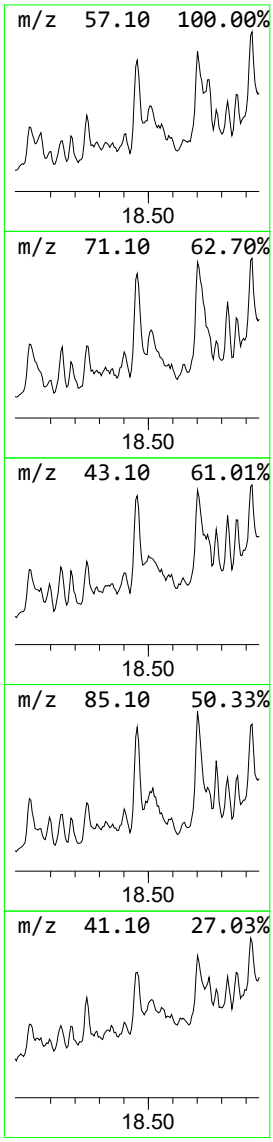
Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.454	16.15 ng	1688980	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Eicosane	282	C20H42	000112-95-8	86





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Misc :
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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

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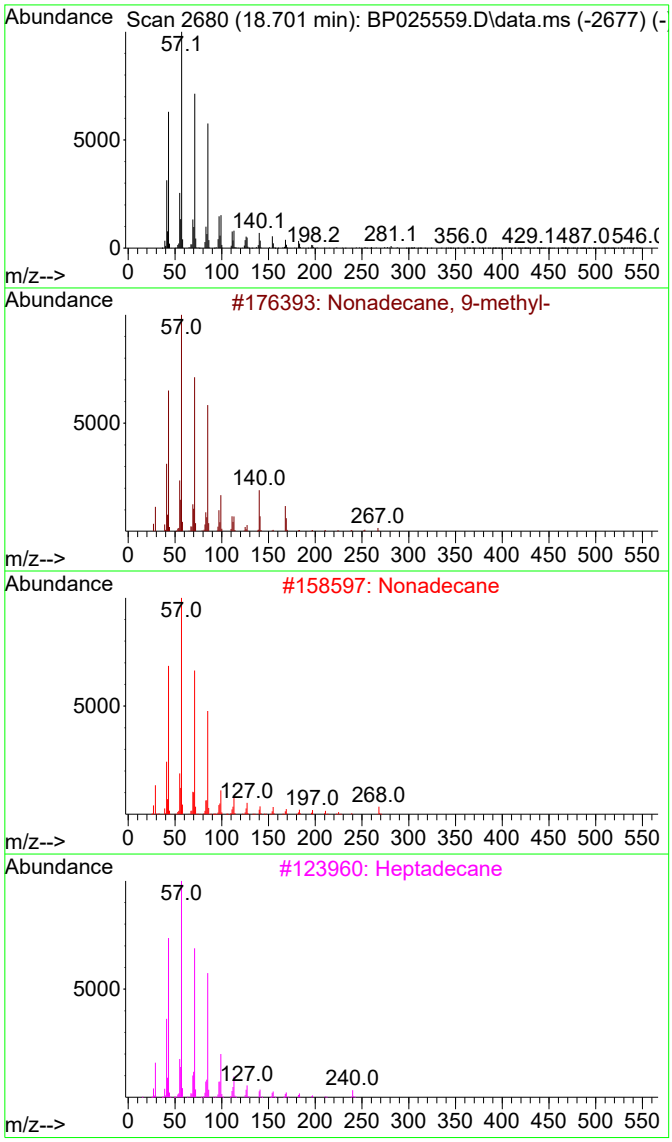
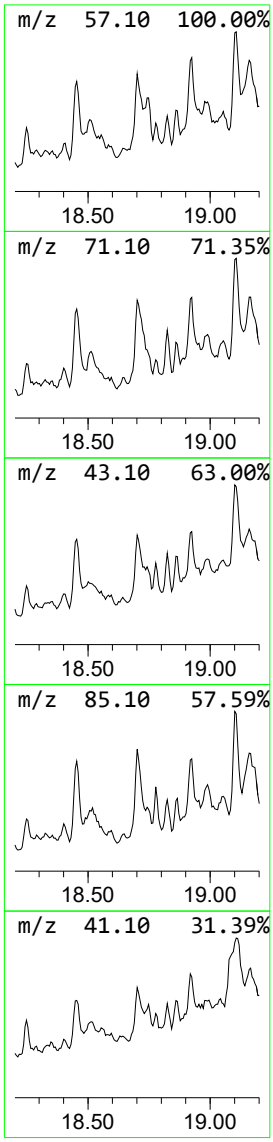
Peak Number 13 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.701	16.71 ng	1747190	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Nonadecane	268	C19H40	000629-92-5	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	76
5	Hexacosane	366	C26H54	000630-01-3	76





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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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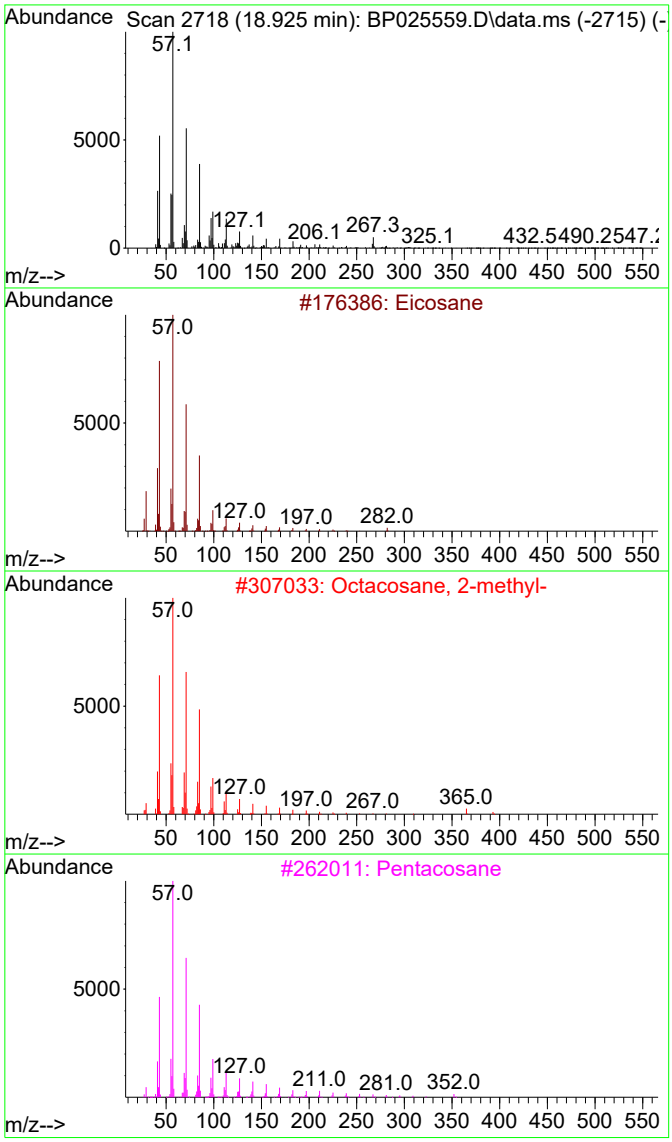
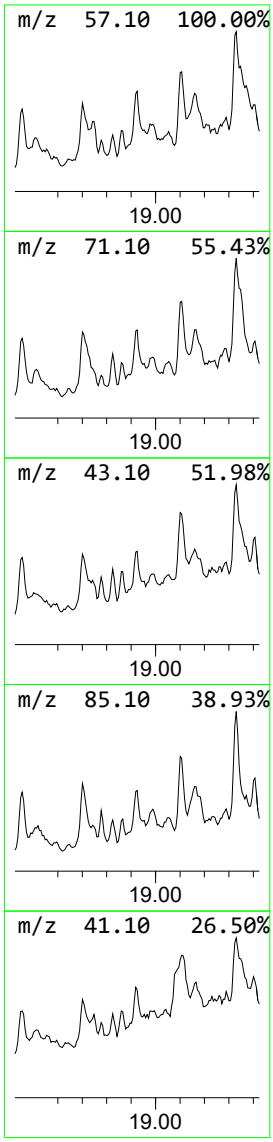
Peak Number 14 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.924	9.37 ng	979405	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
3	Pentacosane	352	C25H52	000629-99-2	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Hexacosane	366	C26H54	000630-01-3	80





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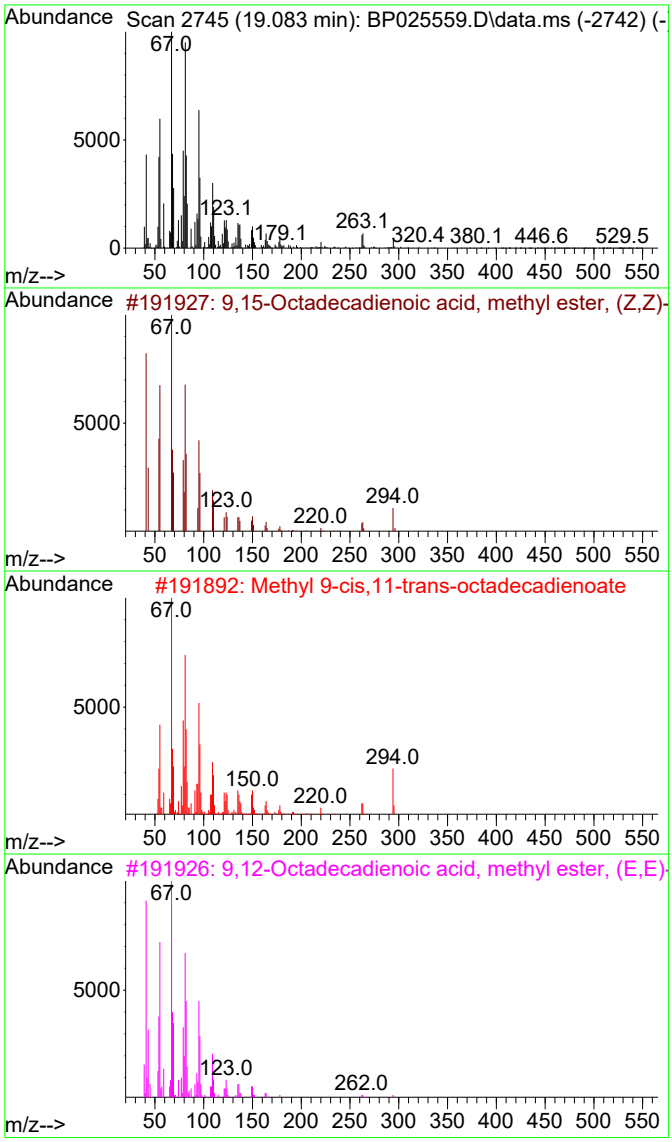
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

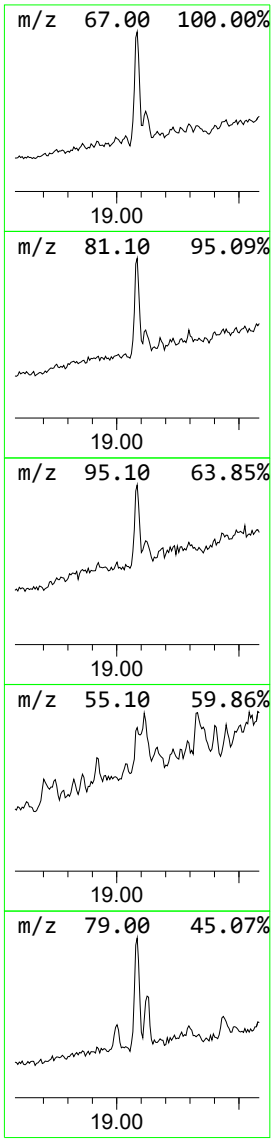
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,15-Octadecadienoic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.083	11.70 ng	1223830	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	94





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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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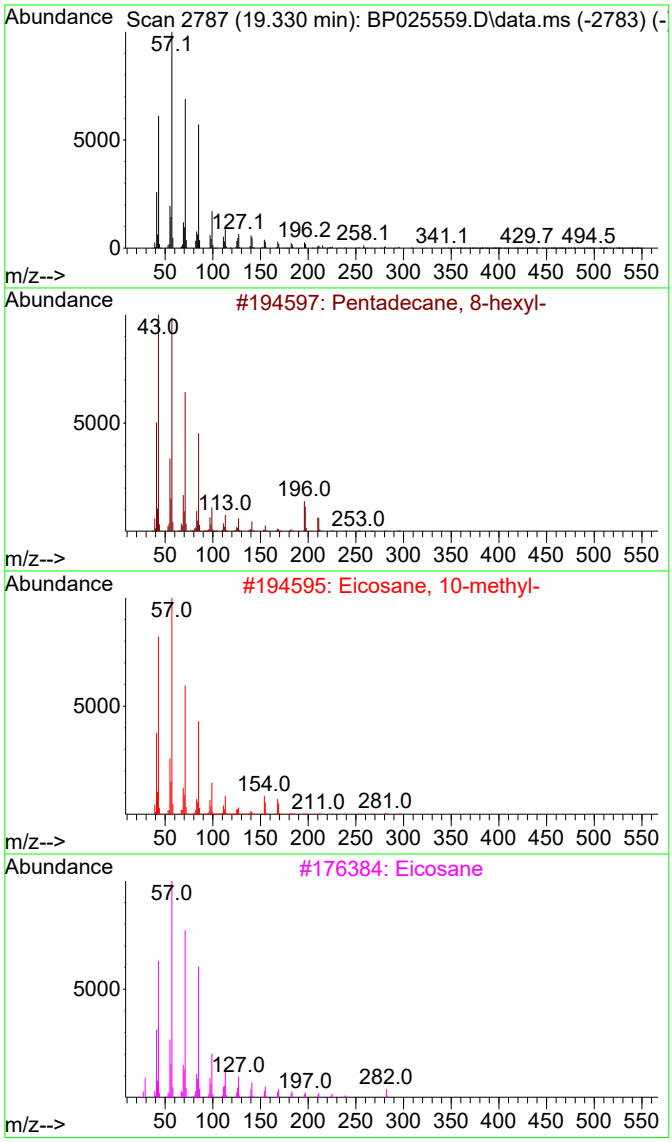
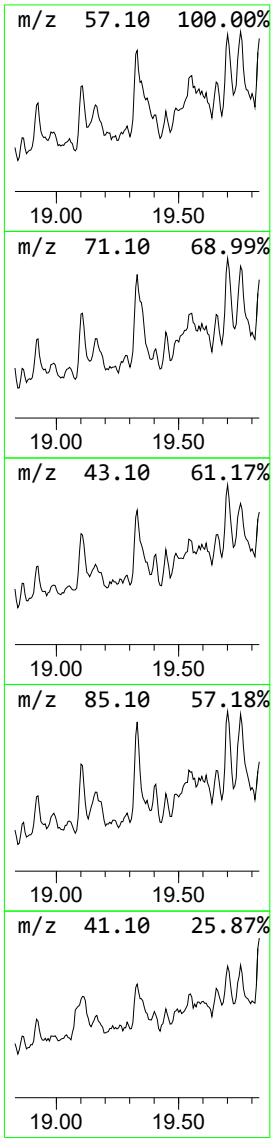
Peak Number 16 Pentadecane, 8-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.330	31.58 ng	3302050	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





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

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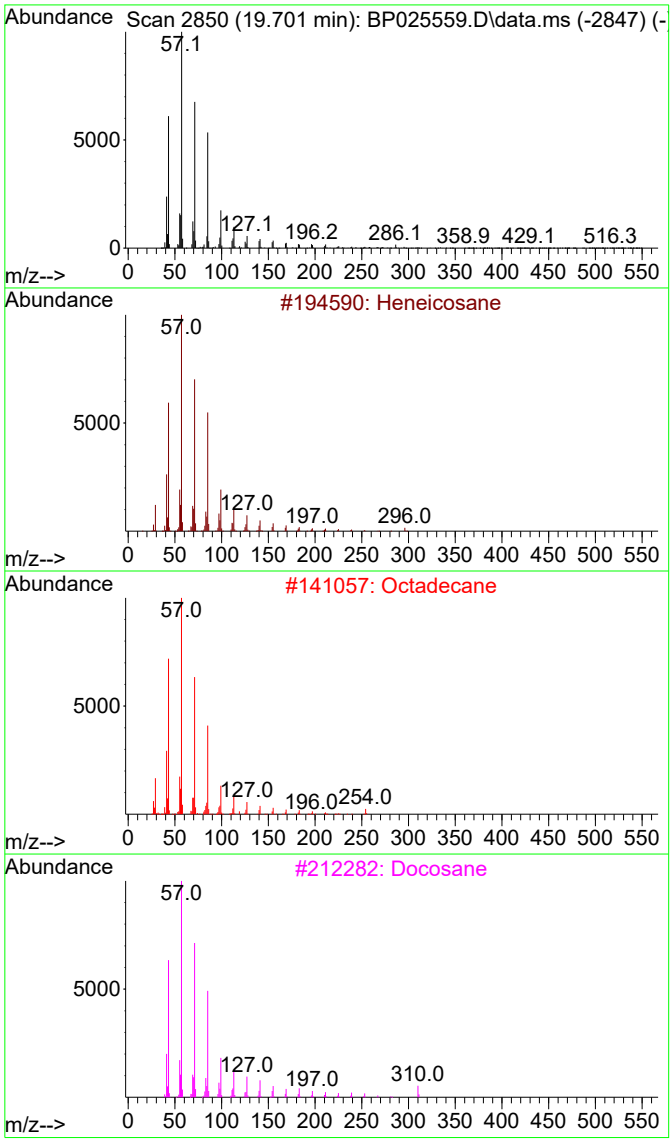
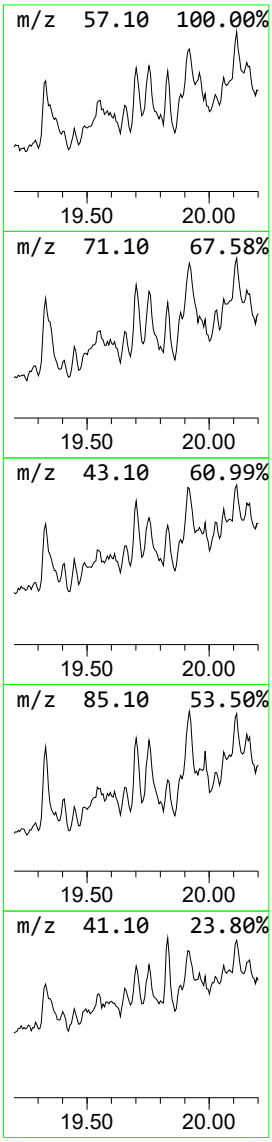
Peak Number 17 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.701	11.50 ng	1810280	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Docosane	310	C22H46	000629-97-0	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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4065

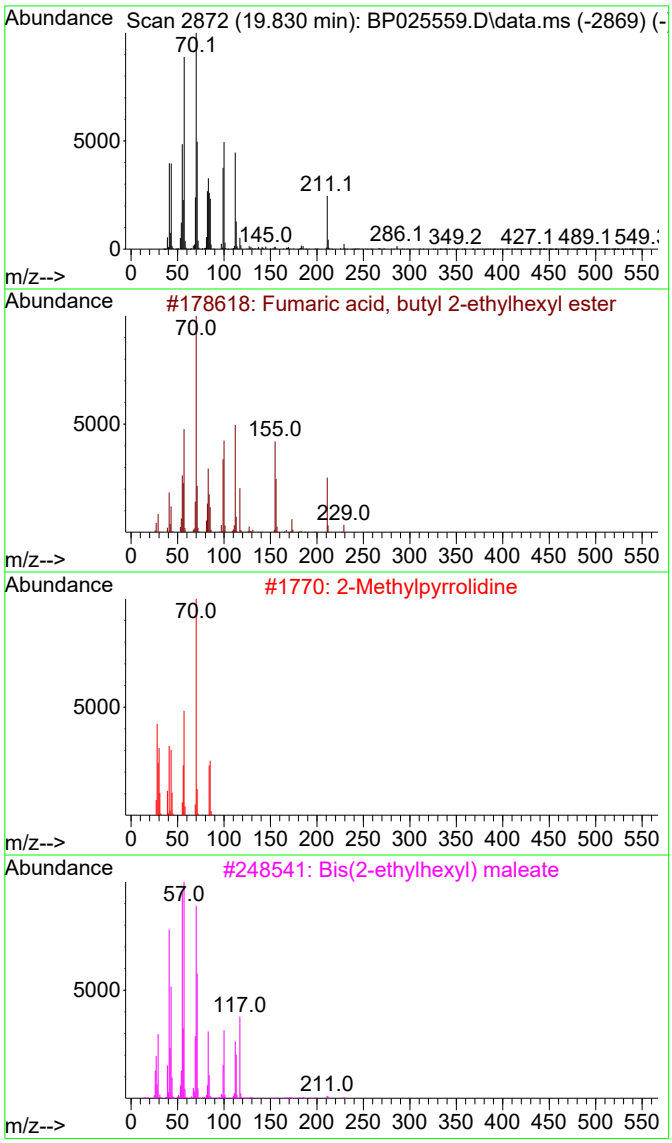
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

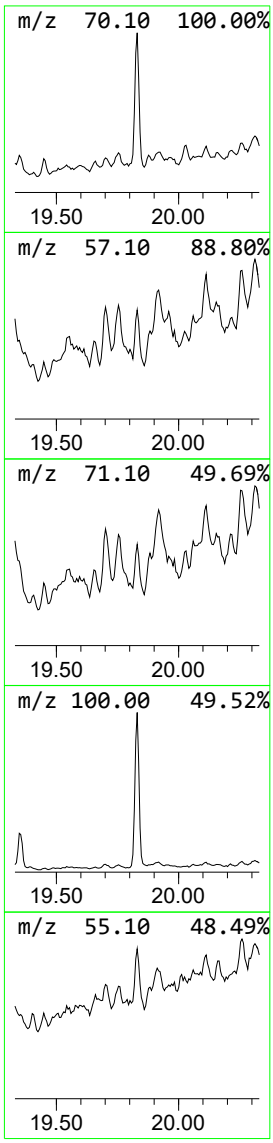
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fumaric acid, butyl 2-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.830	22.47 ng	3537780	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, butyl 2-ethylhexyl...	284	C16H28O4	1010339-13-8	72
2	2-Methylpyrrolidine	85	C5H11N	000765-38-8	38
3	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	35
4	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	27
5	Carbonic acid, 2-ethylhexyl octa...	426	C27H54O3	1000383-14-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

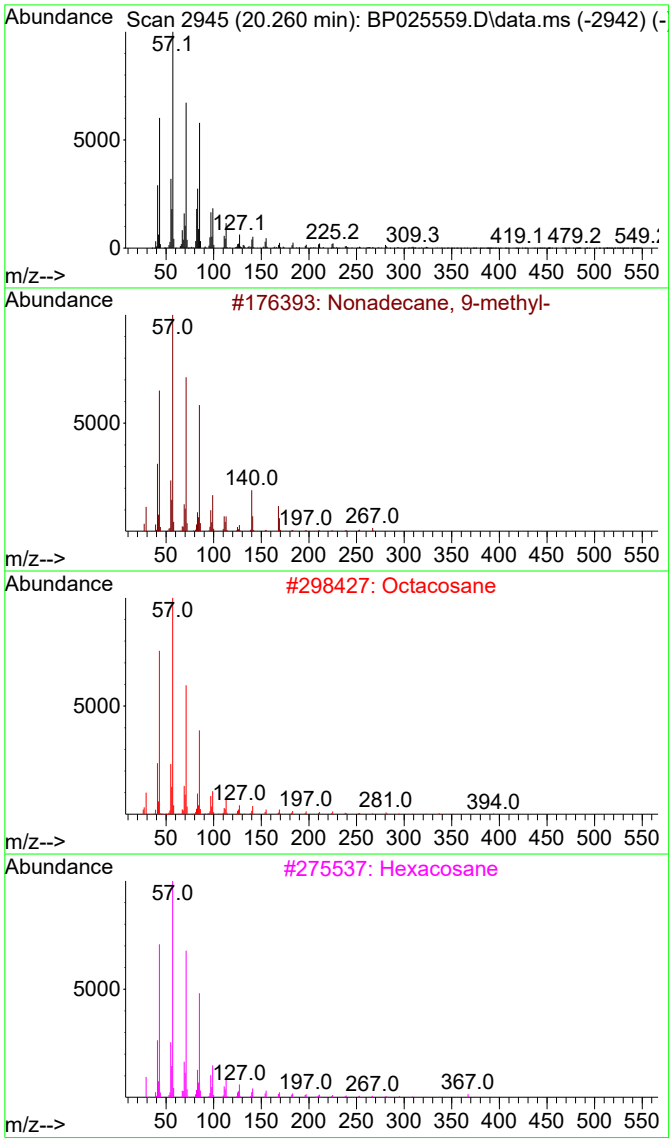
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

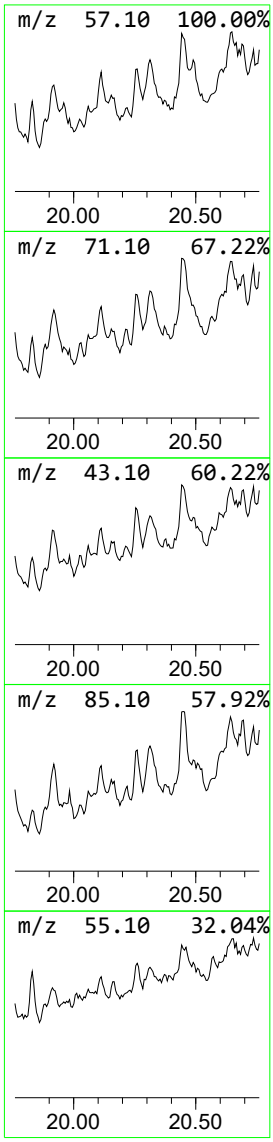
****

Peak Number 19 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.260	13.46 ng	2119900	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Pentacosane	352	C25H52	000629-99-2	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

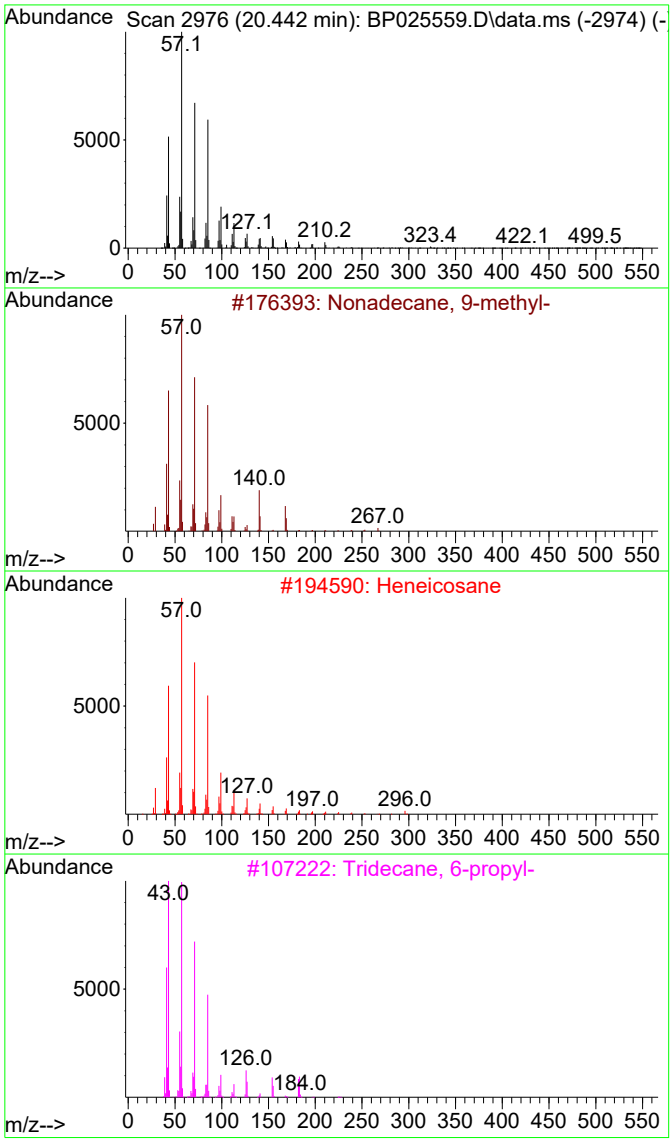
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

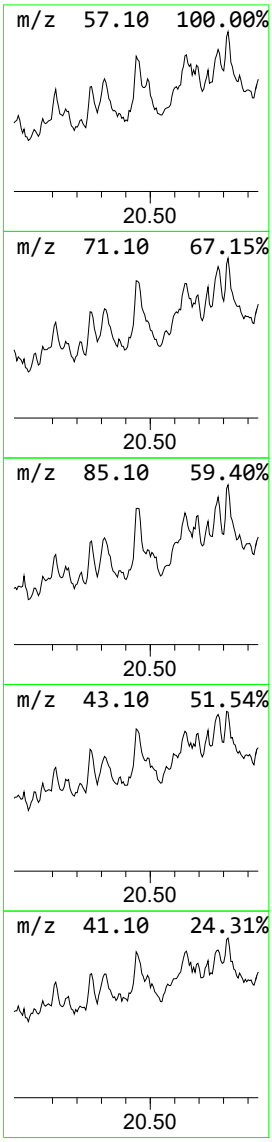
****

Peak Number 20 Tridecane, 6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.442	20.00 ng	3149390	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	86
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025559.D
Acq On : 22 Aug 2025 21:46
Operator : CG/JU
Sample : Q2909-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
unknown3.102	3.102	11.1	ng	644030	1	7.778	1156840	20.0
Undecane	8.996	13.5	ng	782737	1	7.778	1156840	20.0
Hexanoic acid, ...	9.137	60.5	ng	3498380	1	7.778	1156840	20.0
Phenol, 2,6-bis...	13.737	8.8	ng	1026650	3	14.395	2320580	20.0
1H-Benzotriazol...	15.101	7.3	ng	841038	3	14.395	2320580	20.0
Tetradecane, 2,...	16.148	9.6	ng	1003980	4	17.183	2091150	20.0
unknown16.501	16.501	10.2	ng	1066520	4	17.183	2091150	20.0
Benzenesulfonam...	16.989	14.4	ng	1504990	4	17.183	2091150	20.0
Nonadecane	17.725	10.7	ng	1121410	4	17.183	2091150	20.0
Hexadecanoic ac...	17.895	14.5	ng	1518670	4	17.183	2091150	20.0
2-Bromo dodecane	18.013	8.8	ng	917838	4	17.183	2091150	20.0
Heneicosane	18.454	16.1	ng	1688980	4	17.183	2091150	20.0
Nonadecane, 9-m...	18.701	16.7	ng	1747190	4	17.183	2091150	20.0
Eicosane	18.924	9.4	ng	979405	4	17.183	2091150	20.0
9,15-Octadecadi...	19.083	11.7	ng	1223830	4	17.183	2091150	20.0
Pentadecane, 8-...	19.330	31.6	ng	3302050	4	17.183	2091150	20.0
Octadecane	19.701	11.5	ng	1810280	5	21.636	3149390	20.0
Fumaric acid, b...	19.830	22.5	ng	3537780	5	21.636	3149390	20.0
Octacosane	20.260	13.5	ng	2119900	5	21.636	3149390	20.0
Tridecane, 6-pr...	20.442	20.0	ng	3149390	5	21.636	3149390	20.0