LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139504.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	11	rVB	90533	104488	15.83%	0.991%
2	5.075	503	507	513	rBV	6124	8007	1.21%	0.076%
3	5.487	572	577	591	rVB	90662	118609	17.97%	1.125%
4	6.504	746	750	757	rBV	83431	110953	16.81%	1.053%
5	6.704	780	784	791	rBV2	18112	25798	3.91%	0.245%
6	6.875	808	813	819	rBV	352456	432611	65.55%	4.104%
7	7.022	835	838	842	rBV2	5739	7266	1.10%	0.069%
8	7.151	853	860	863	rBV4	12615	19347	2.93%	0.184%
9	7.192	863	867	874	rVB2	8813	19510	2.96%	0.185%
10	7.263	874	879	883	rBV3	11625	19021	2.88%	0.180%
11	7.434	904	908	911	rBV	50281	57104	8.65%	0.542%
12	7.469	911	914	918	rVB	41001	48396	7.33%	0.459%
13	7.522	918	923	926	rVB3	11547	16433	2.49%	0.156%
14	7.569	926	931	932	rBV3	5820	9131	1.38%	0.087%
15	7.681	946	950	958	rVB5	20958	36376	5.51%	0.345%
16	7.781	958	967	968	rBV5	12566	25999	3.94%	0.247%
17	7.798	968	970	973	rVV3	9808	12162	1.84%	0.115%
18	7.839	973	977	980	rVB3	11434	15373	2.33%	0.146%
19	7.875	980	983	984	rBV2	10383	10863	1.65%	0.103%
20	7.898	984	987	993	rVV5	21387	37237	5.64%	0.353%
21	7.951	993	996	998	rVV2	7653	9378	1.42%	0.089%
22	7.998	1002	1004	1006	rVB	9896	8406	1.27%	0.080%
23	8.063	1012	1015	1018	rBV3	8453	9984	1.51%	0.095%
24	8.157	1018	1031	1037	rBV	410511	659970	100.00%	6.261%
25	8.210	1037	1040	1044	rVB2	32283	43212	6.55%	0.410%
26	8.245	1044	1046	1053	rVB5	11639	17136	2.60%	0.163%
27	8.328	1053	1060	1062	rBV5	11035	22811	3.46%	0.216%
28	8.357	1062	1065	1068	rVB2	18942	22617	3.43%	0.215%
29	8.451	1076	1081	1086	rBV6	32482	54315	8.23%	0.515%
30	8.504	1087	1090	1092	rVV3	15183	16551	2.51%	0.157%
31	8.533	1092	1095	1099	rVV3	20694	25416	3.85%	0.241%
32	8.575	1099	1102	1108	rVV2	34561	46892	7.11%	0.445%
33	8.663	1113	1117	1120	rBV	44527	56571	8.57%	0.537%
34	8.745	1127	1131	1135	rBV	125451	152337	23.08%	1.445%
35	8.910	1155	1159	1161	rBV3	9634	12909	1.96%	0.122%
36	8.980	1166	1171	1175	rVV3	43631	69220	10.49%	0.657%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.028	1176	1179	1183	rVV4	13879	23692	3.59%	0.225%
38	9.110	1189	1193	1197	rVB2	30890	47635	7.22%	0.452%
39	9.151	1197	1200	1201	rBV	17574	19327	2.93%	0.183%
40	9.175	1201	1204	1210	rVB3	47969	62130	9.41%	0.589%
41	9.228	1210	1213	1218	rVB	95963	117736	17.84%	1.117%
42	9.269	1218	1220	1223	rBV2	9371	8603	1.30%	0.082%
43	9.310	1223	1227	1231	rBV	179182	226212	34.28%	2.146%
44	9.380	1236	1239	1243	rVB	30295	36945	5.60%	0.350%
45	9.569	1264	1271	1273	rBV6	37158	85738	12.99%	0.813%
46	9.628	1277	1281	1284	rBV4	80222	117133	17.75%	1.111%
47	9.686	1289	1291	1295	rVB2	38019	45059	6.83%	0.427%
48	9.775	1303	1306	1310	rBV5	20973	36046	5.46%	0.342%
49	9.839	1313	1317	1321	rVB	181012	221200	33.52%	2.098%
50	9.910	1325	1329	1333	rVV	330779	415482	62.95%	3.941%
51	10.016	1344	1347	1351	rVB4	17169	20928	3.17%	0.199%
52	10.075	1353	1357	1358	rBV	26799	34904	5.29%	0.331%
53	10.163	1368	1372	1376	rBV5	40831	59259	8.98%	0.562%
54	10.233	1380	1384	1389	rBV7	20225	45447	6.89%	0.431%
55	10.339	1397	1402	1406	rBV	198154	249801	37.85%	2.370%
56	10.457	1418	1422	1428	rBV2	43377	79244	12.01%	0.752%
57	10.557	1434	1439	1445	rVB	82487	129536	19.63%	1.229%
58	10.610	1446	1448	1451	rVB3	20589	20973	3.18%	0.199%
59	10.698	1457	1463	1467	rBV3	43935	75644	11.46%	0.718%
60	10.816	1478	1483	1491	rVB	238053	392034	59.40%	3.719%
61	11.004	1512	1515	1518	rBV2	23837	35491	5.38%	0.337%
62	11.257	1554	1558	1561	rBV	166332	224457	34.01%	2.129%
63	11.292	1561	1564	1570	rVB2	94647	133247	20.19%	1.264%
64	11.398	1577	1582	1584	rBV	367023	475496	72.05%	4.511%
65	11.422	1584	1586	1591	rVV	283883	336305	50.96%	3.190%
66	11.474	1591	1595	1598	rVB	65209	84380	12.79%	0.800%
67	11.633	1619	1622	1627	rVB3	31427	46173	7.00%	0.438%
68	11.686	1627	1631	1636	rBV	158249	195952	29.69%	1.859%
69	11.786	1644	1648	1655	rVB	85619	109798	16.64%	1.042%
70	11.851	1656	1659	1663	rBV2	16715	28212	4.27%	0.268%
71	11.898	1664	1667	1669	rBV	33165	39206	5.94%	0.372%
72	11.927	1669	1672	1677	rVB2	53175	71424	10.82%	0.678%
73	12.010	1683	1686	1694	rVB	86962	156241	23.67%	1.482%
74	12.092	1696	1700	1705	rVV	130296	160793	24.36%	1.525%
75	12.192	1715	1717	1720	rBV	19168	21720	3.29%	0.206%
76	12.374	1745	1748	1756	rVB2	28781	48675	7.38%	0.462%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.445	1757	1760	1761	rBV	30207	31501	4.77%	0.299%
78	12.492	1761	1768	1779	rVB4	322889	634473	96.14%	6.019%
79	12.580	1779	1783	1784	rBV2	46786	50646	7.67%	0.480%
80	12.610	1784	1788	1793	rVB	414820	511068	77.44%	4.848%
81	12.839	1821	1827	1833	rBV	355584	587046	88.95%	5.569%
82	12.980	1844	1851	1859	rVB2	99424	186692	28.29%	1.771%
83	13.057	1860	1864	1868	rBV3	28569	53964	8.18%	0.512%
84	13.163	1880	1882	1886	rVB	61898	74601	11.30%	0.708%
85	13.210	1887	1890	1892	rBV	46306	60556	9.18%	0.574%
86	13.268	1897	1900	1904	rVV2	28892	36817	5.58%	0.349%
87	13.551	1945	1948	1952	rBV	32733	46476	7.04%	0.441%
88	14.033	2024	2030	2034	rBV2	316776	562506	85.23%	5.336%
89	15.080	2203	2208	2216	rBV	98549	222716	33.75%	2.113%
90	15.445	2266	2270	2276	rBV	71981	112097	16.99%	1.063%
91	15.509	2277	2281	2293	rVB2	143430	269951	40.90%	2.561%

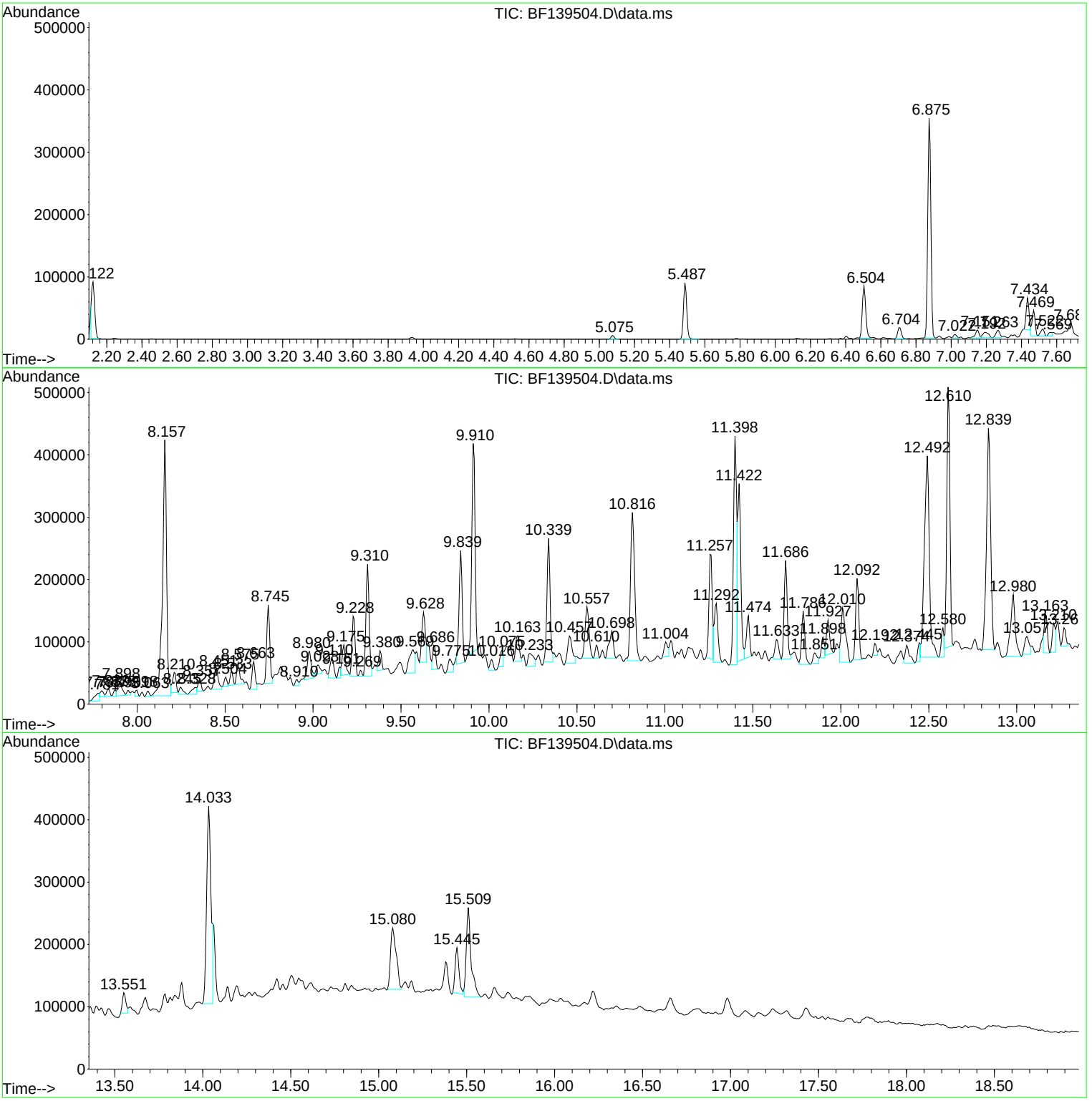
Sum of corrected areas: 10541797

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

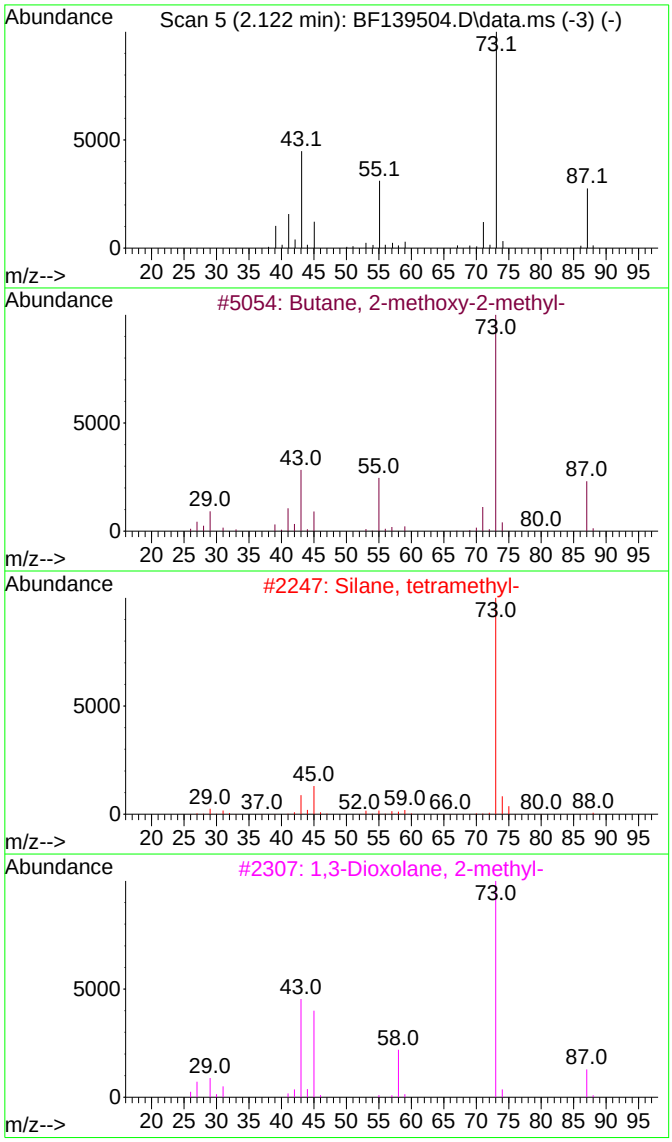
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

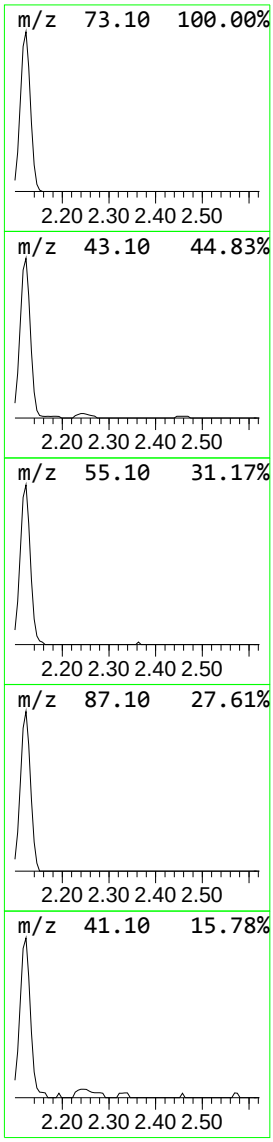
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	4.83 ng	104488	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

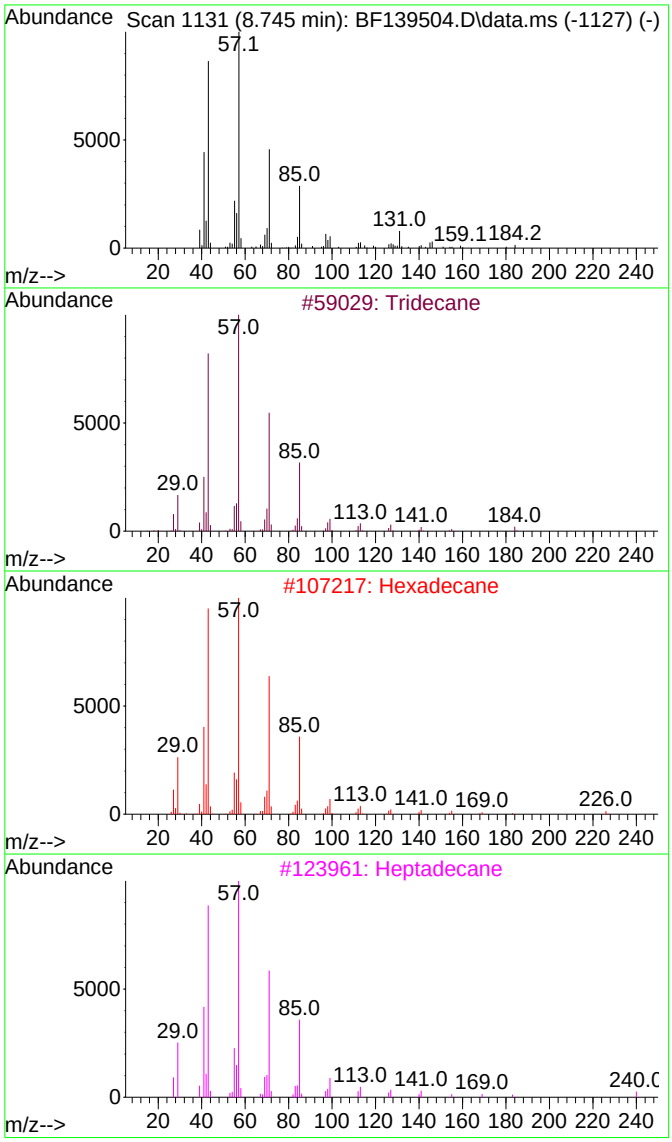
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

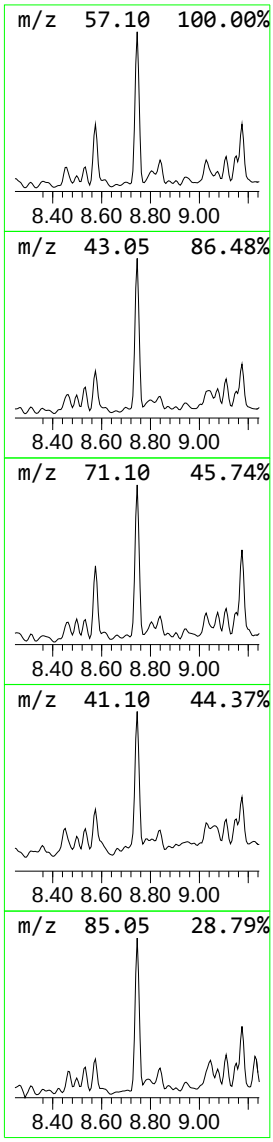
****

Peak Number 2 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	4.62 ng	152337	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane	170	C12H26	000112-40-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

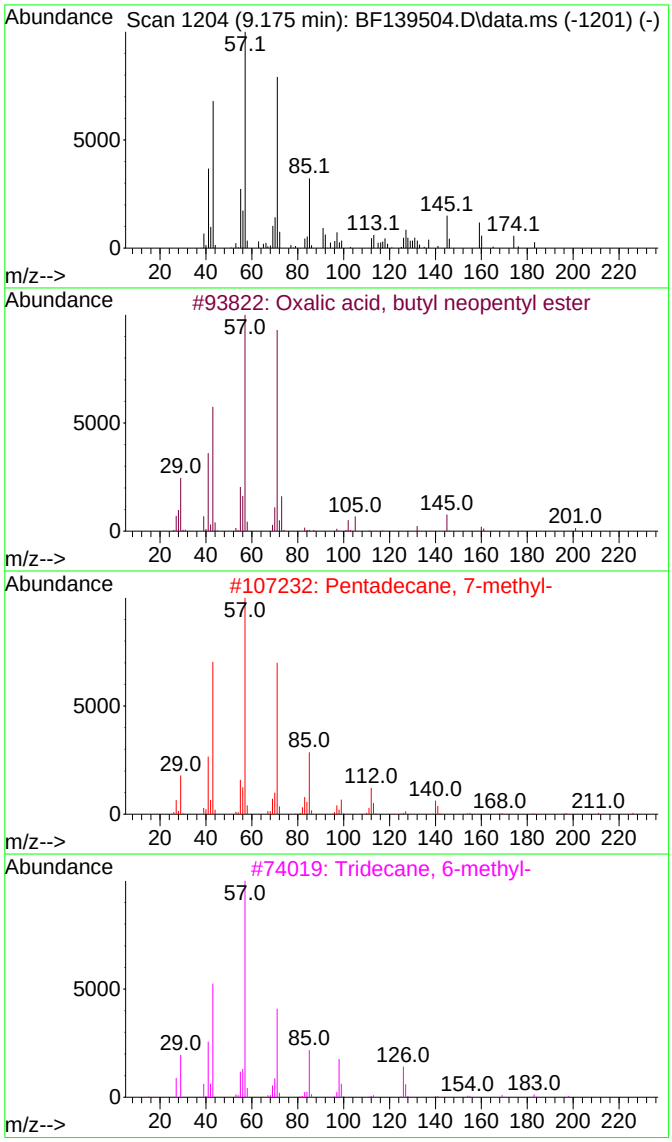
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

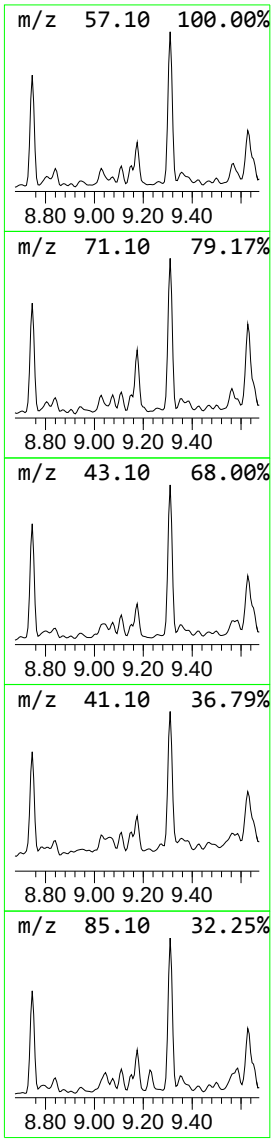
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxalic acid, butyl neopenty... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	2.99 ng	62130	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	53
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

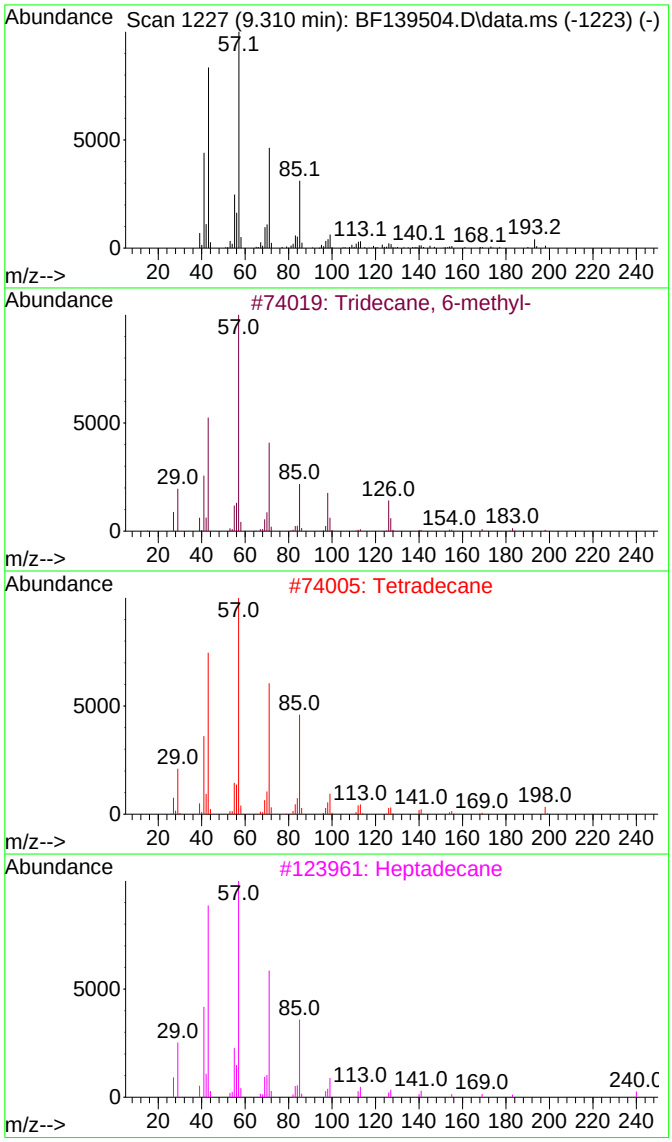
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 4 Tridecane, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	10.89 ng	226212	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonadecane	268	C19H40	000629-92-5	86



m/z 57.10 100.00%
m/z 43.10 83.49%
m/z 71.10 46.36%
m/z 41.10 44.11%
m/z 85.10 31.16%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

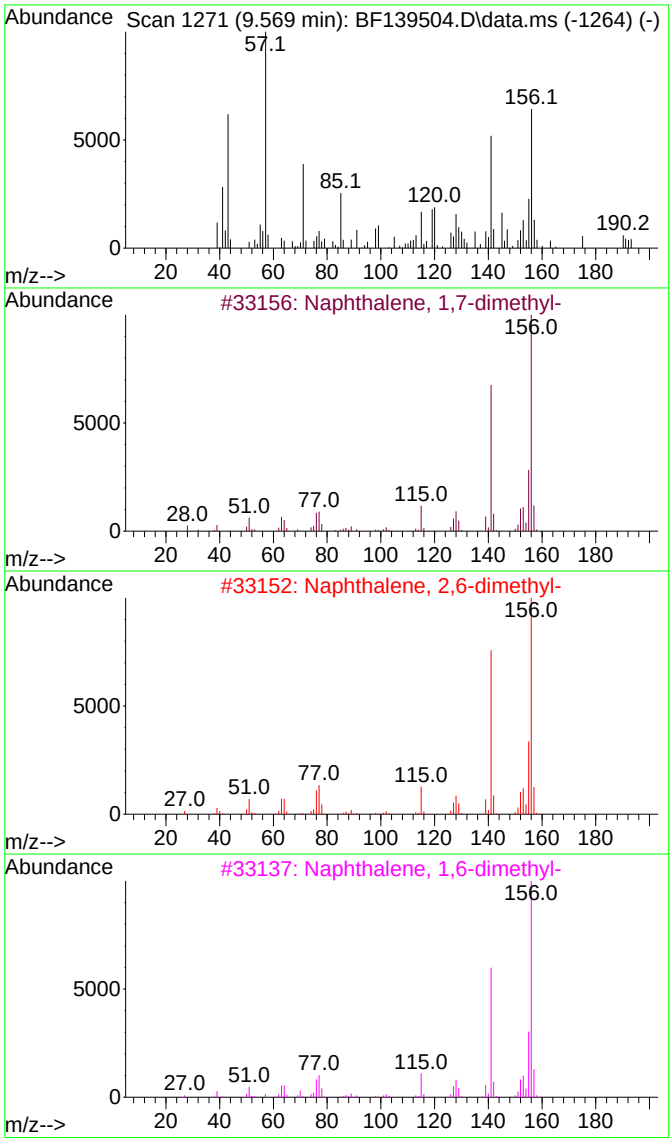
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

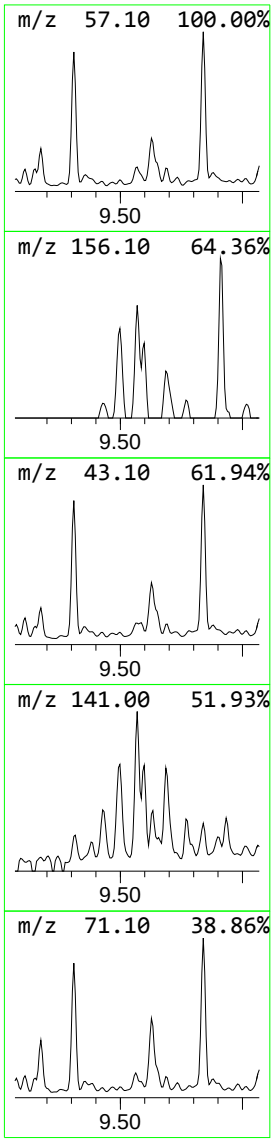
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	4.13 ng	85738	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

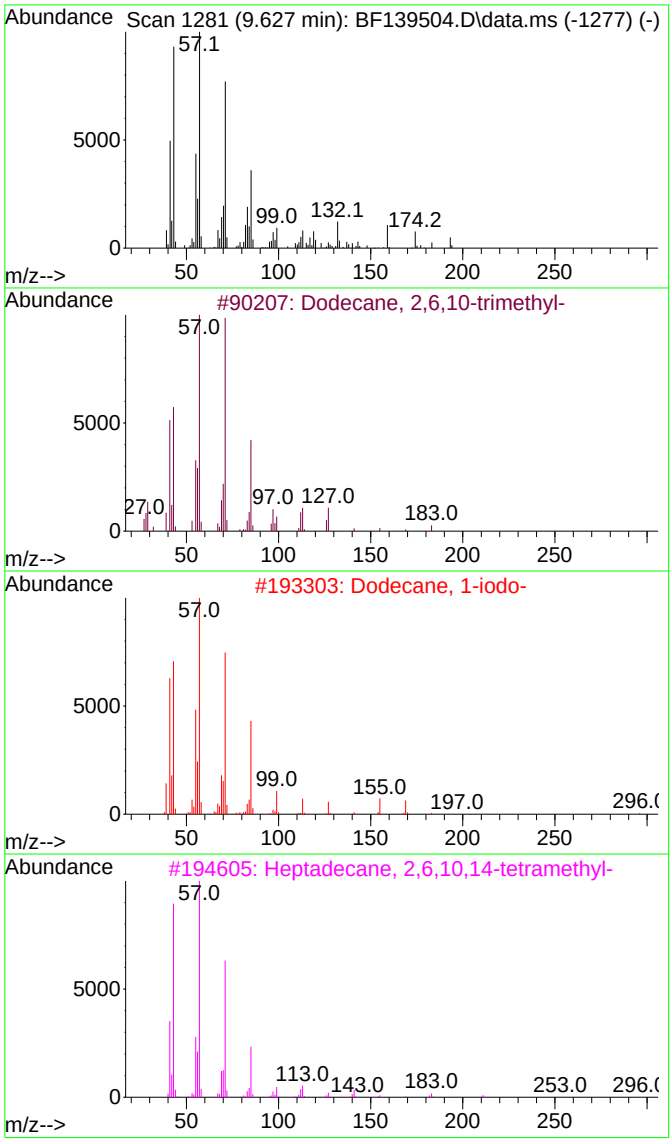
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

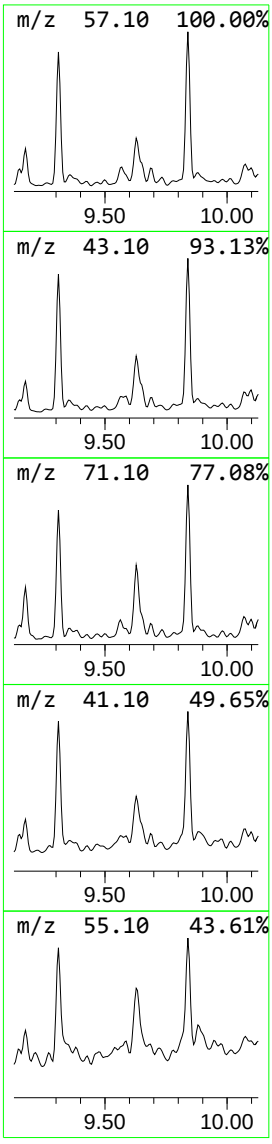
****

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	5.64 ng	117133	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
4	Nonadecane	268	C19H40	000629-92-5	58
5	Nonane	128	C9H20	000111-84-2	55





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Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

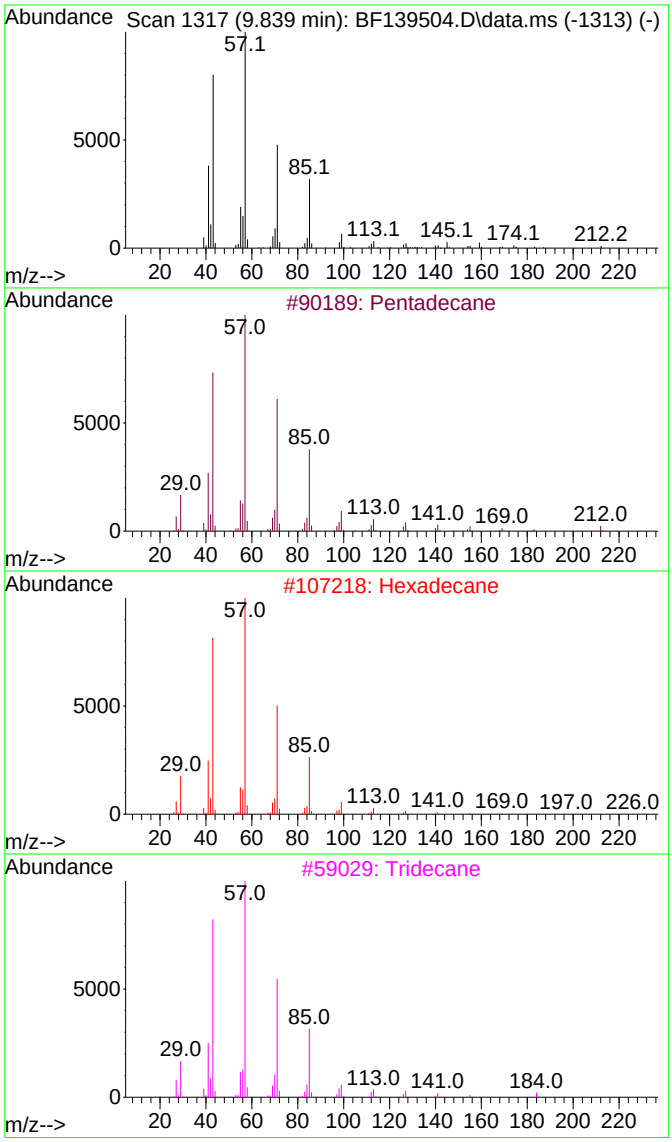
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

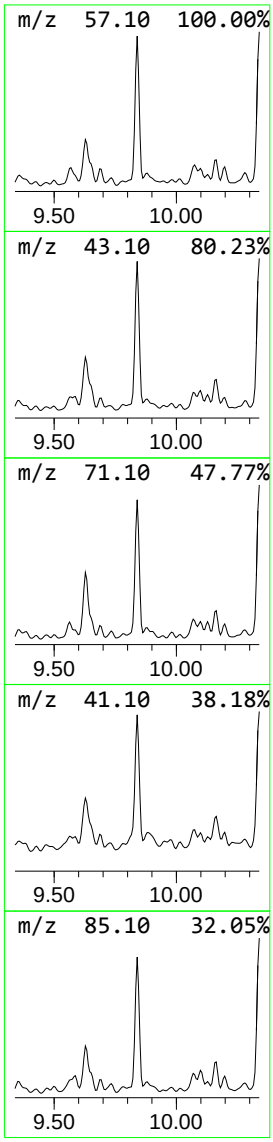
****

Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	10.65 ng	221200	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

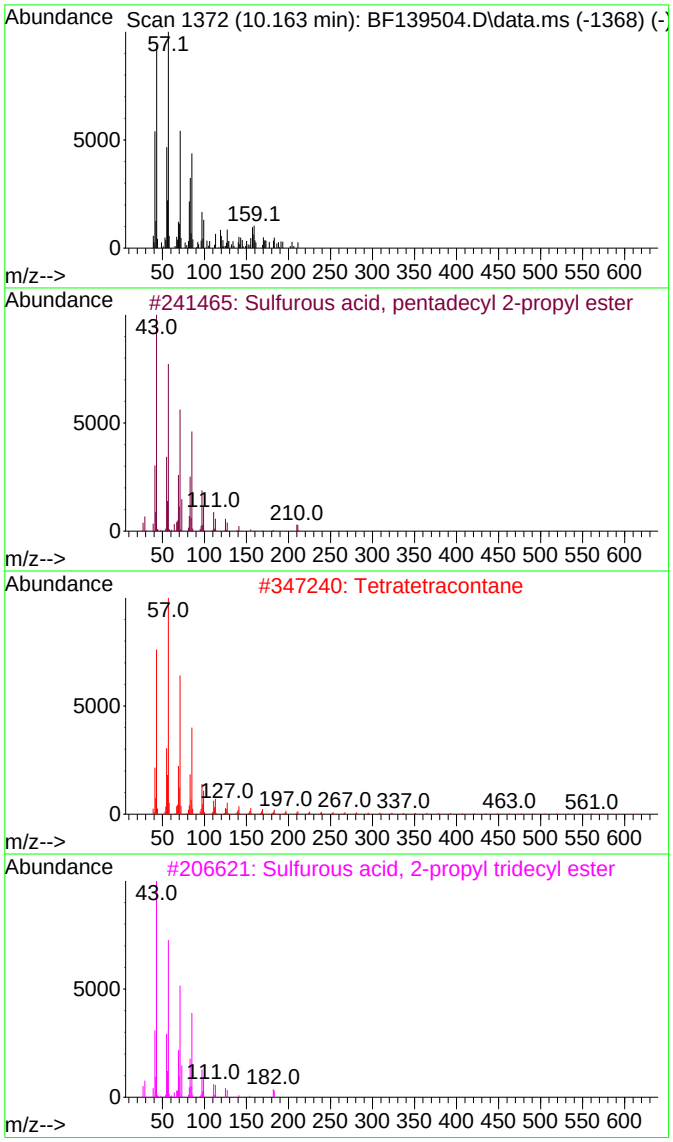
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

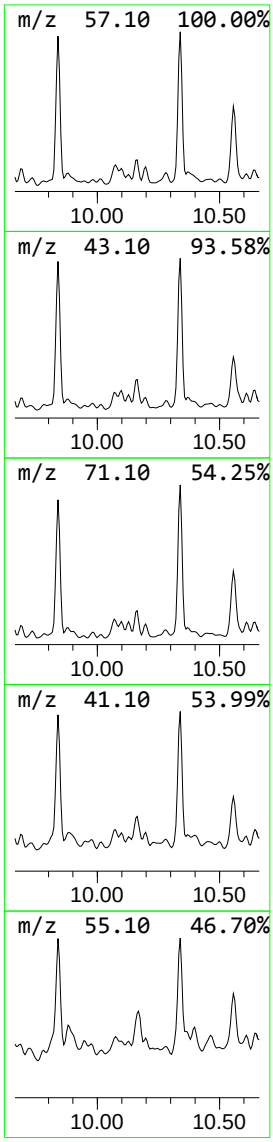
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Sulfurous acid, pentadecyl ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	2.85 ng	59259	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	62
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	52
4	Dodecane	170	C12H26	000112-40-3	50
5	Octacosane	394	C28H58	000630-02-4	49





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Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

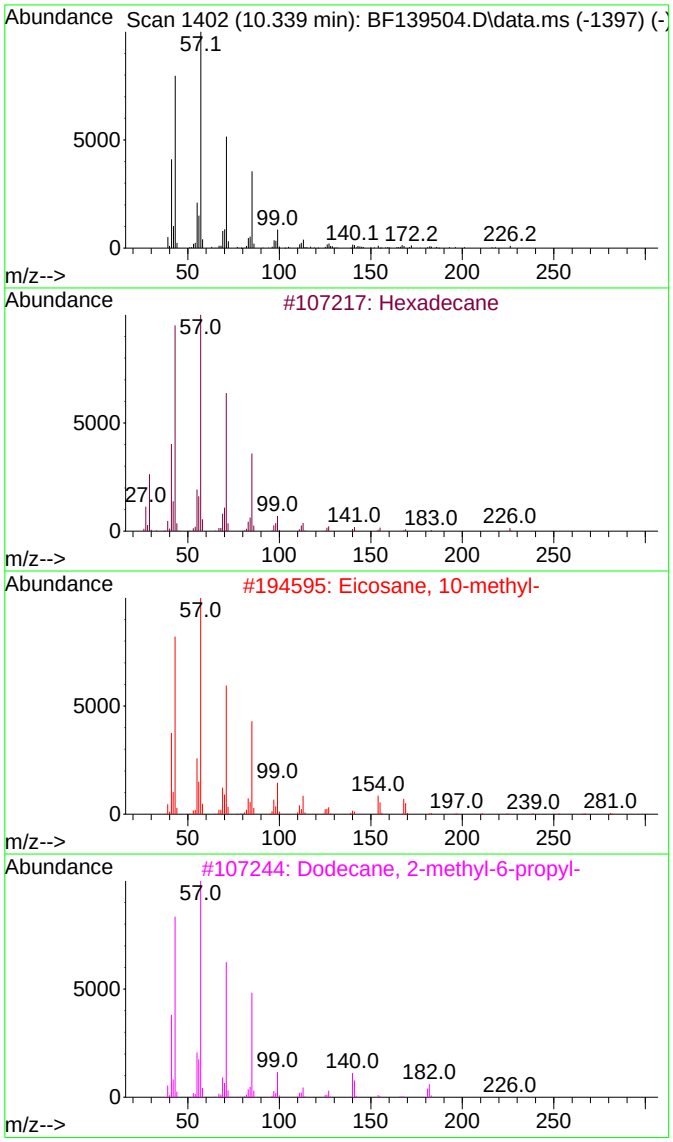
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

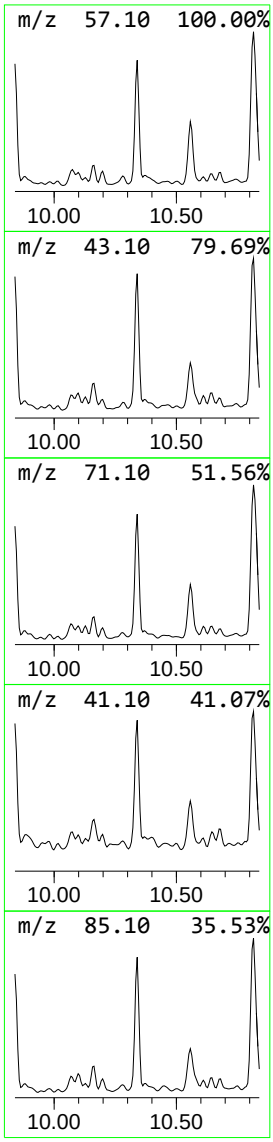
****

Peak Number 9 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	12.02 ng	249801	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	90





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Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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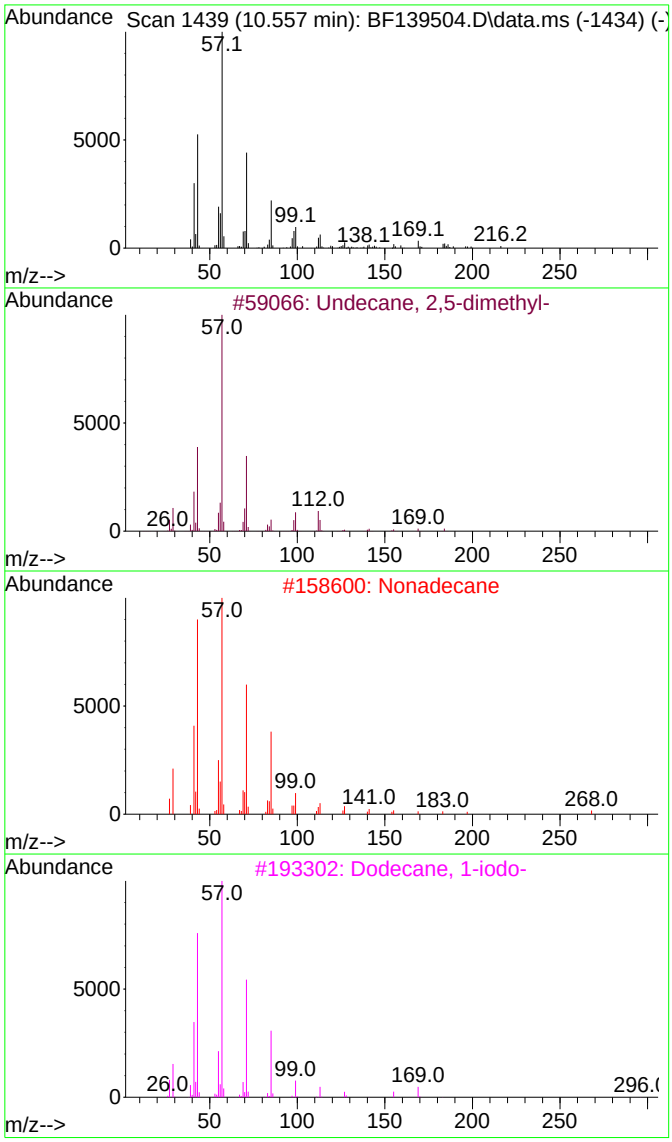
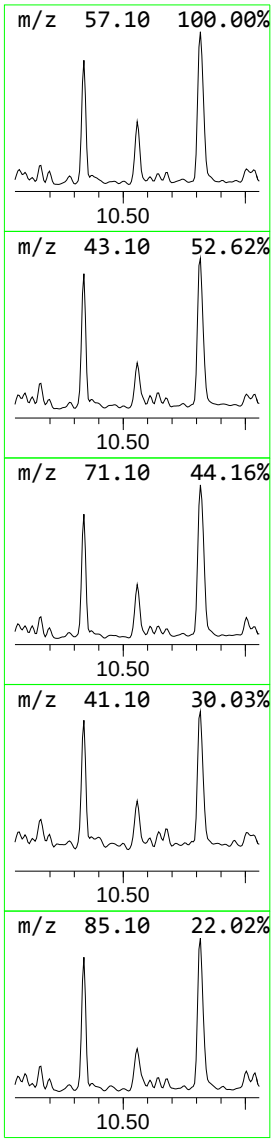
Peak Number 11 Undecane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	6.24 ng	129536	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2	Nonadecane	268	C19H40	000629-92-5	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	70





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Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

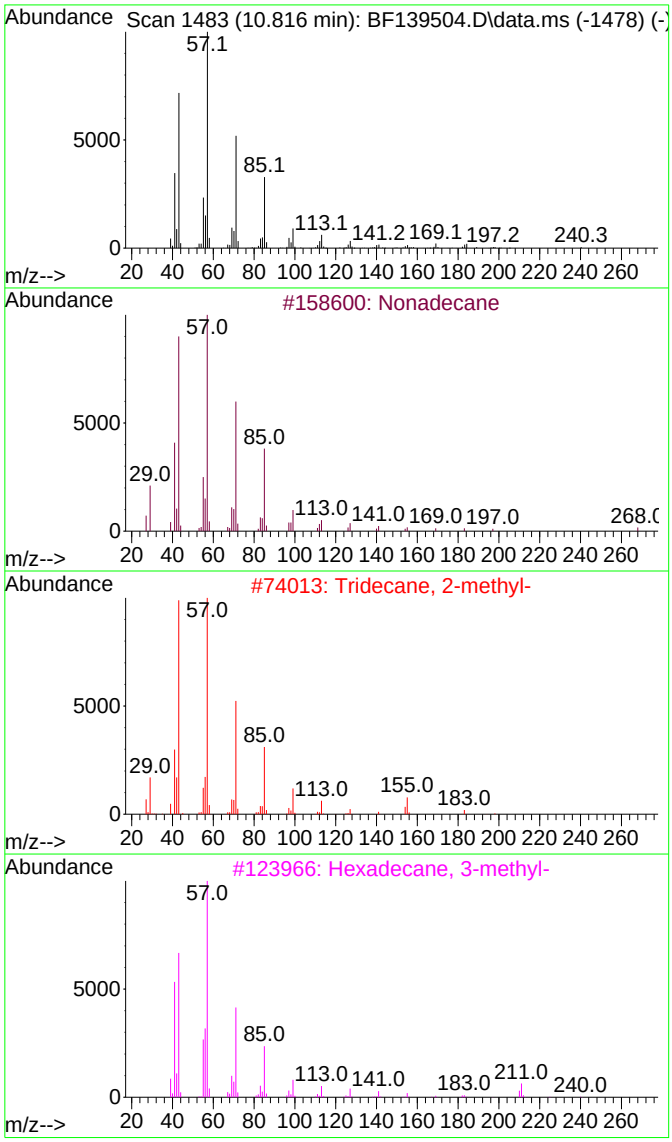
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

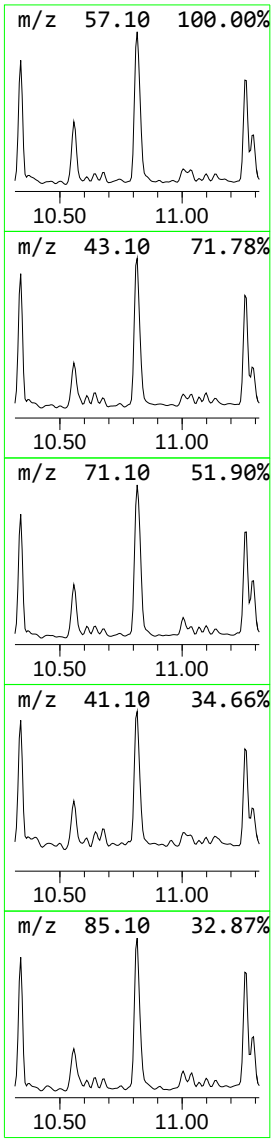
****

Peak Number 12 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	16.49 ng	392034	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

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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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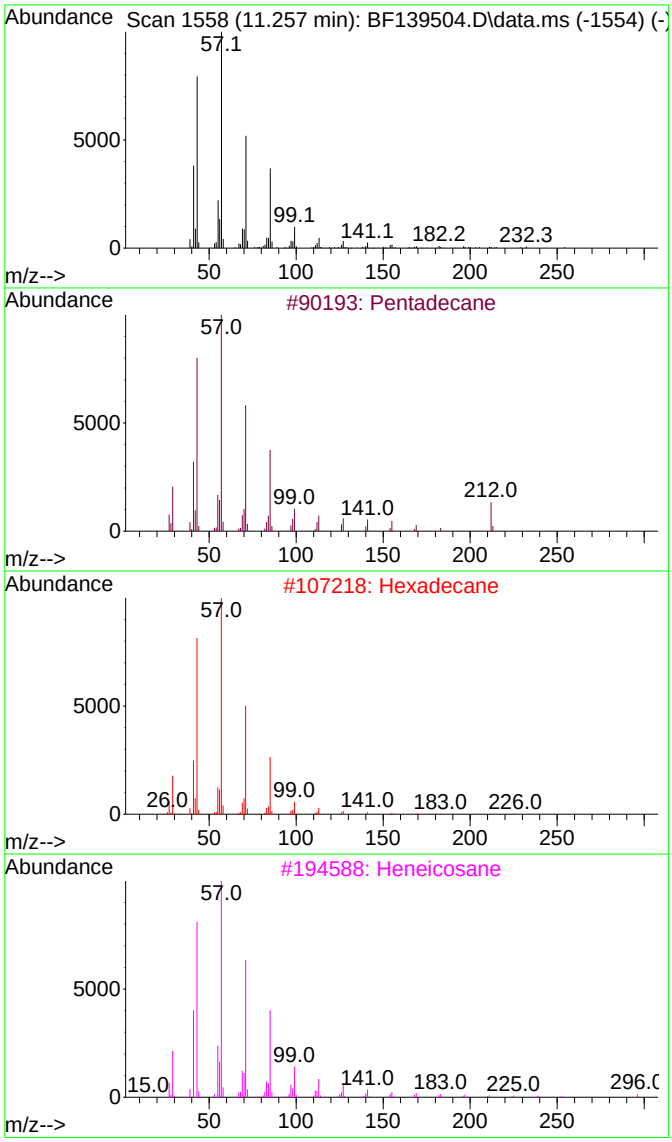
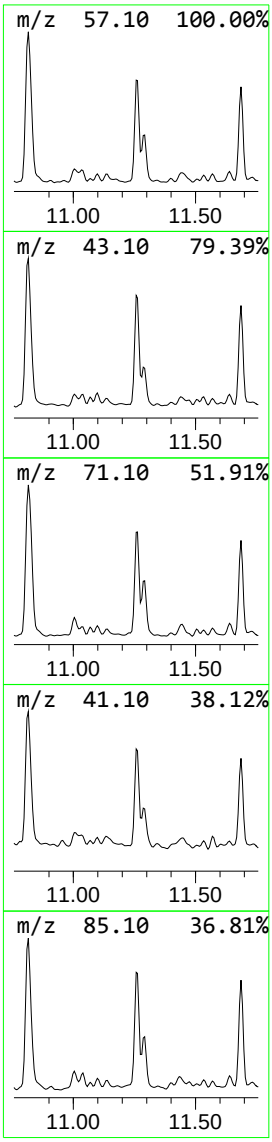
Peak Number 13 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	9.44 ng	224457	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Eicosane	282	C20H42	000112-95-8	90





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Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 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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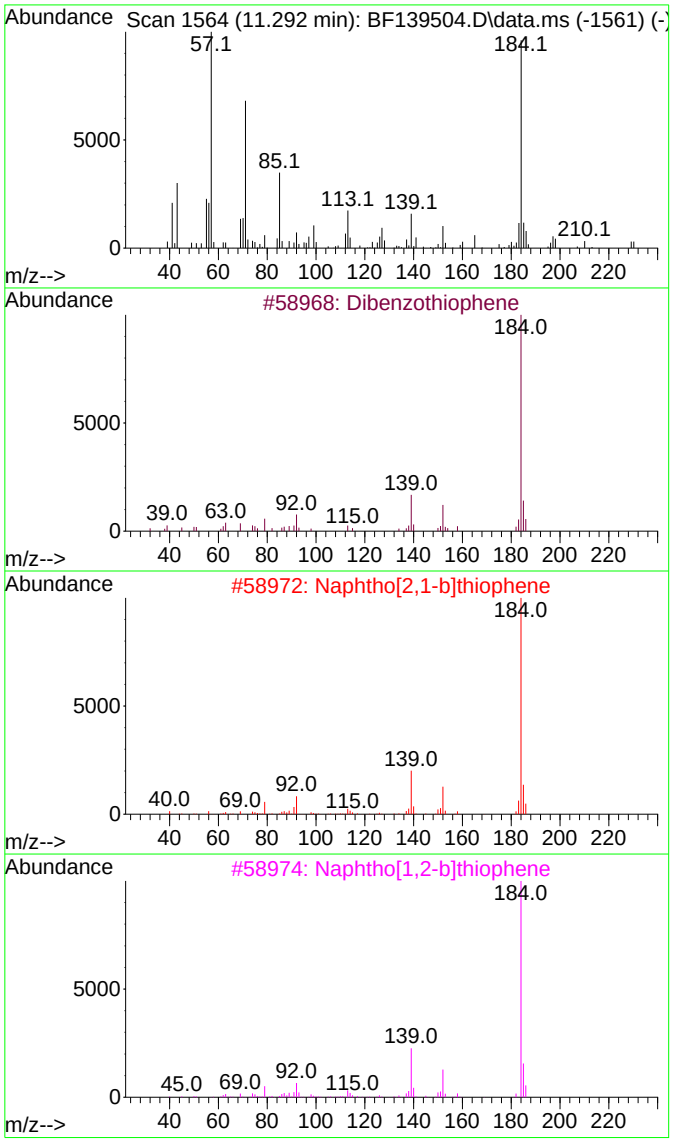
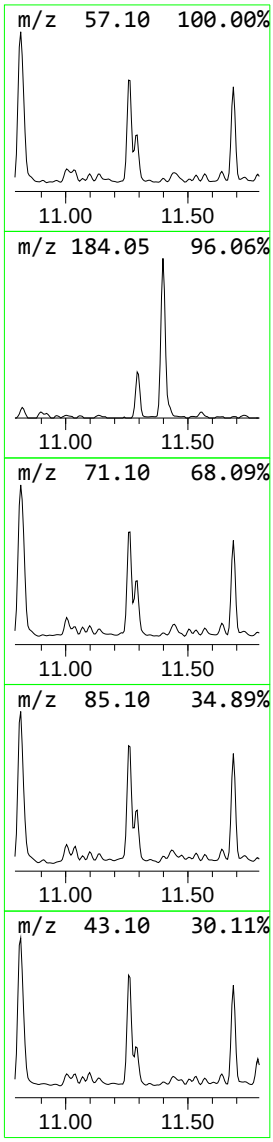
Peak Number 14 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	5.60 ng	133247	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	60
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	49
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	46
4	2-(2-Methyl-4-nitro-1H-imidazol-...	184	C6H8N4O3	1000460-14-2	43
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38





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Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 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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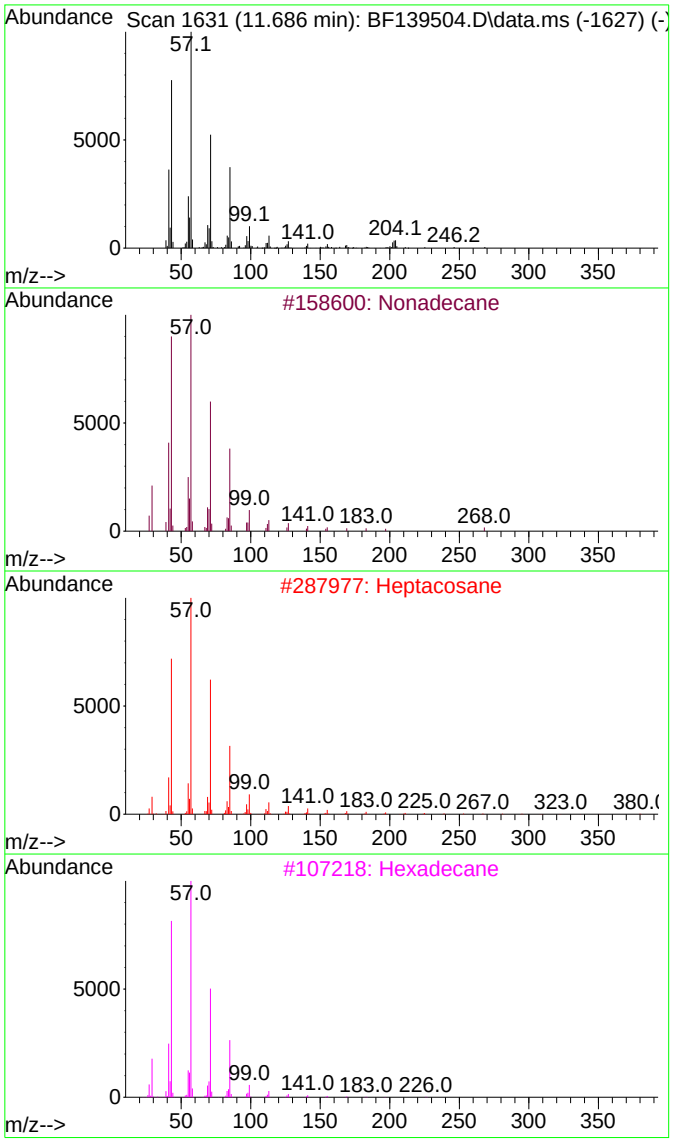
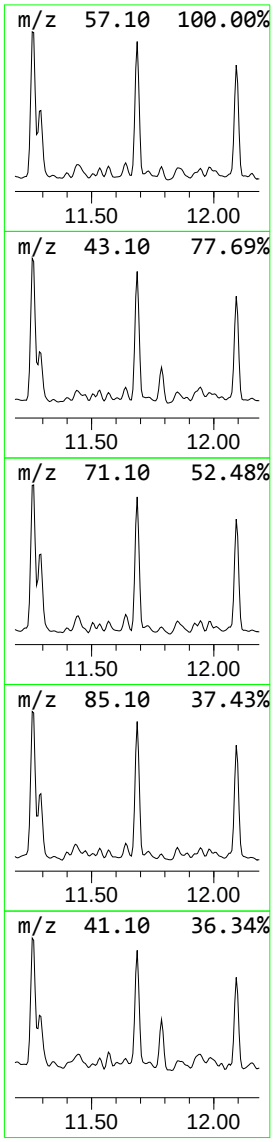
Peak Number 15 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	8.24 ng	195952	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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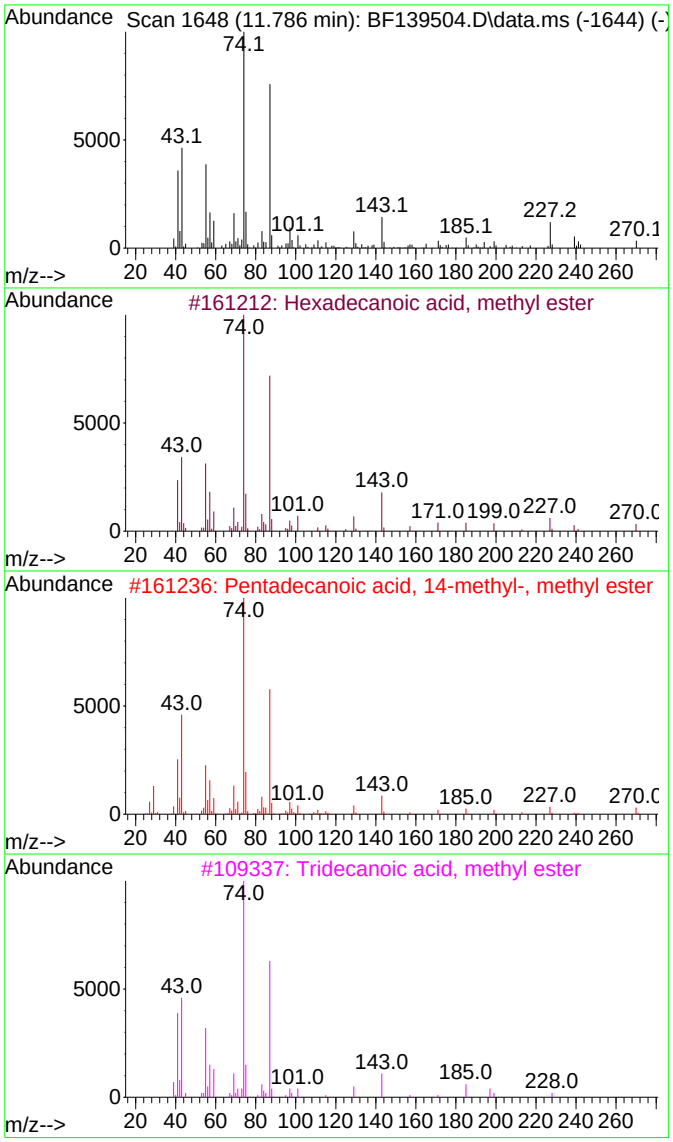
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

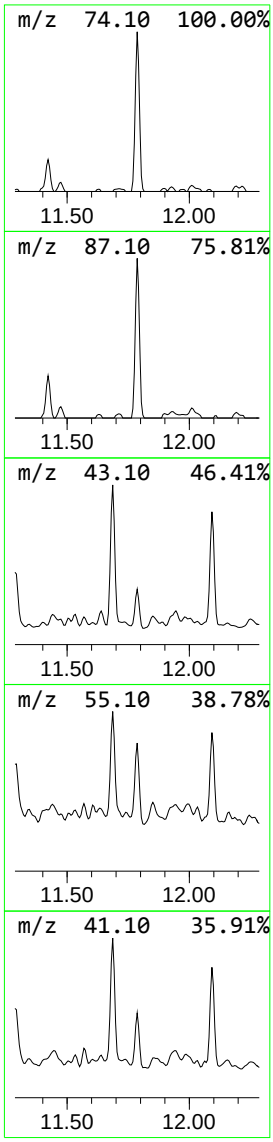
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	4.62 ng	109798	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	93
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	87





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Acq On : 20 Sep 2024 16:24
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Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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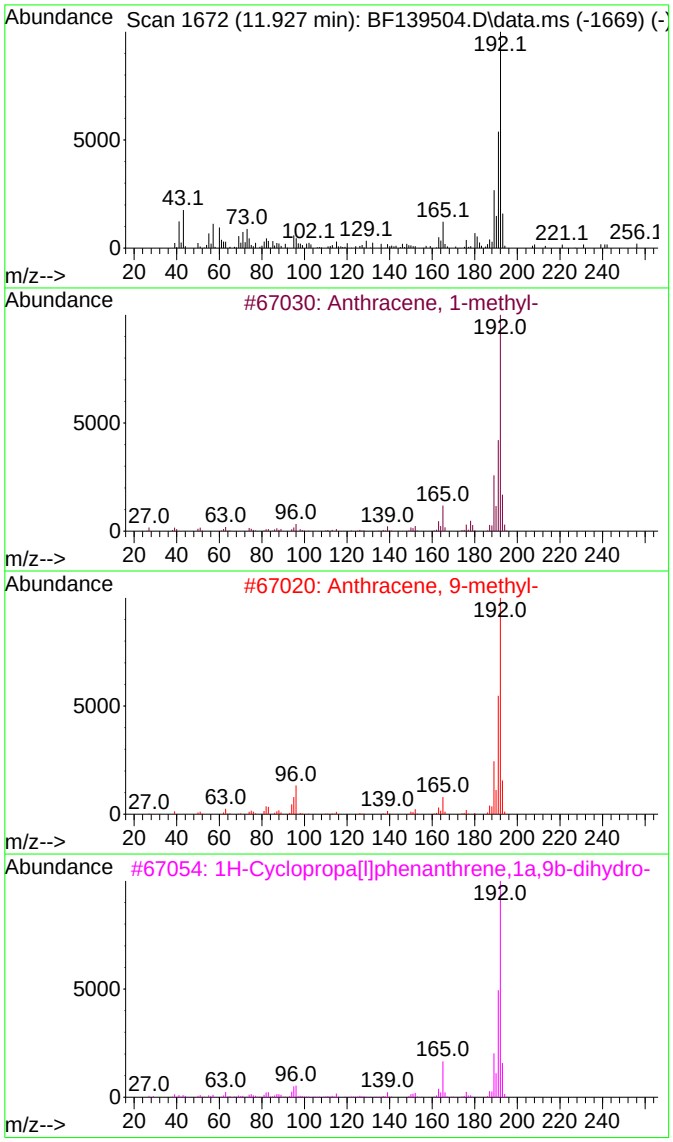
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

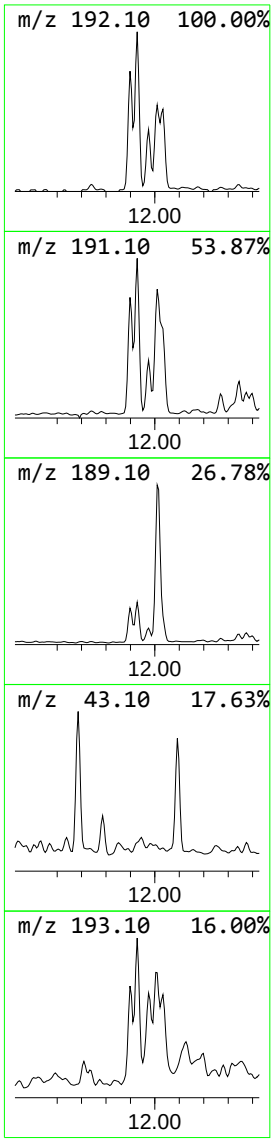
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.00 ng	71424	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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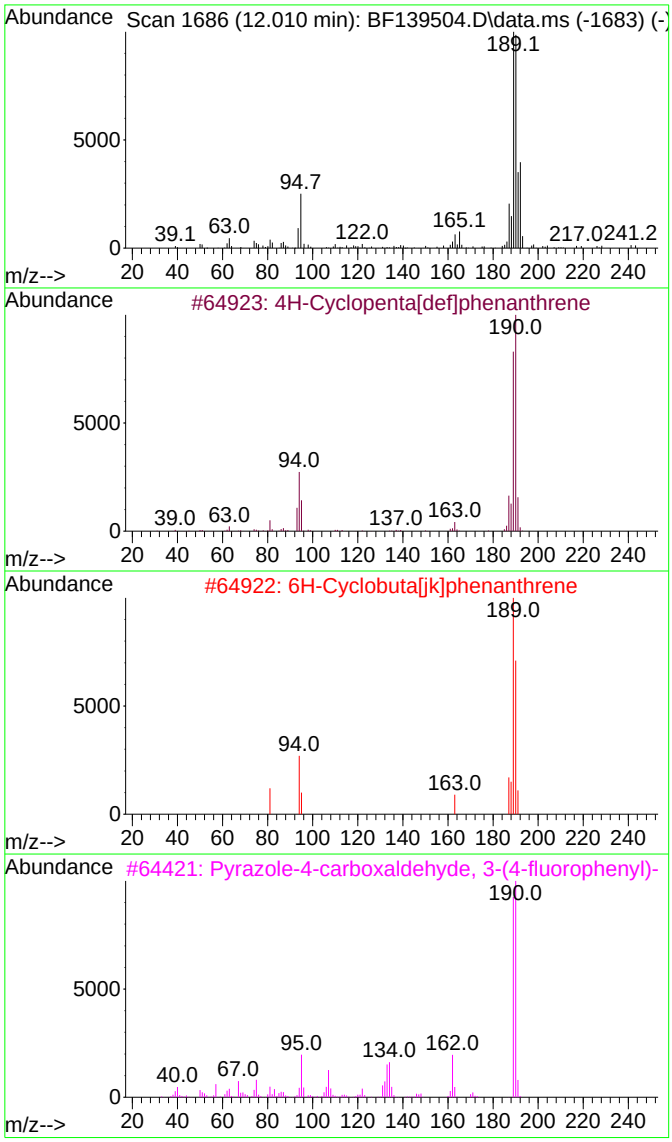
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

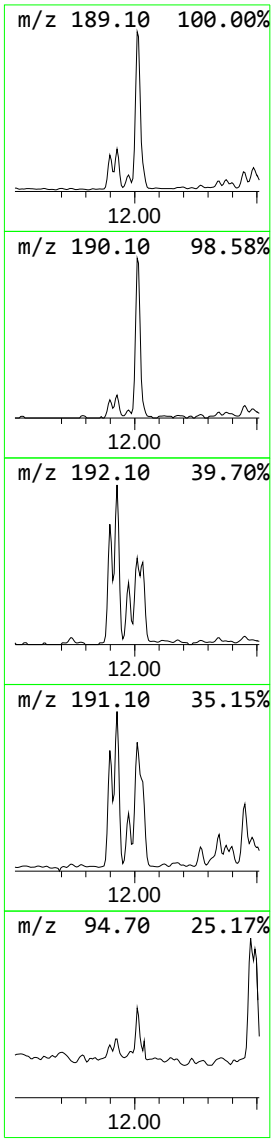
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	6.57 ng	156241	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





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Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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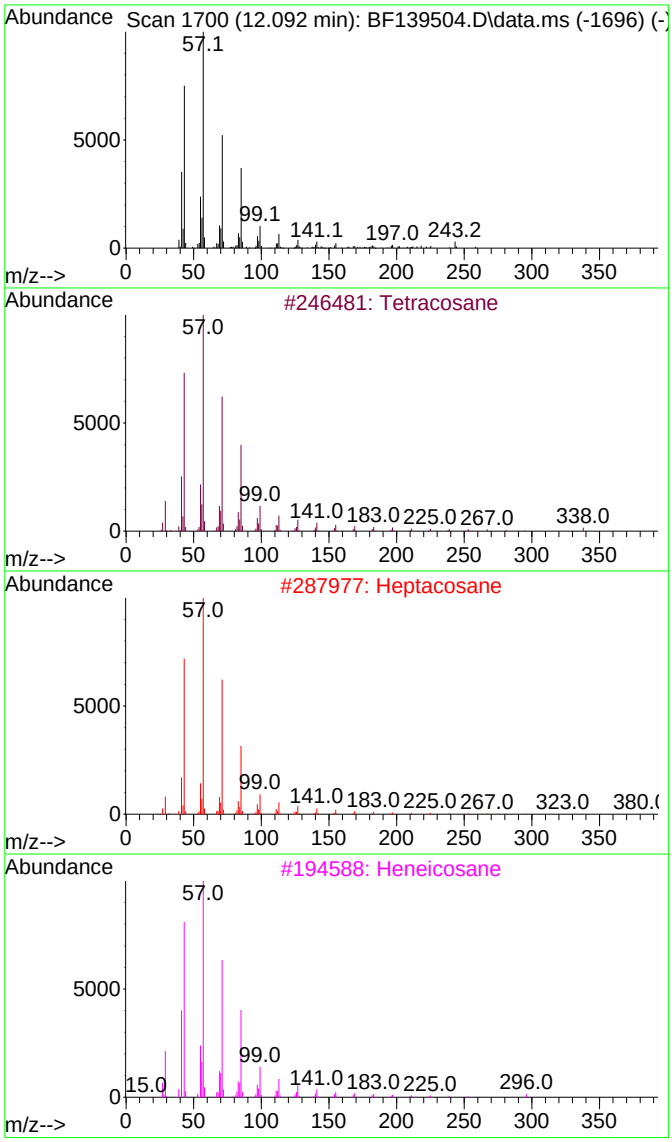
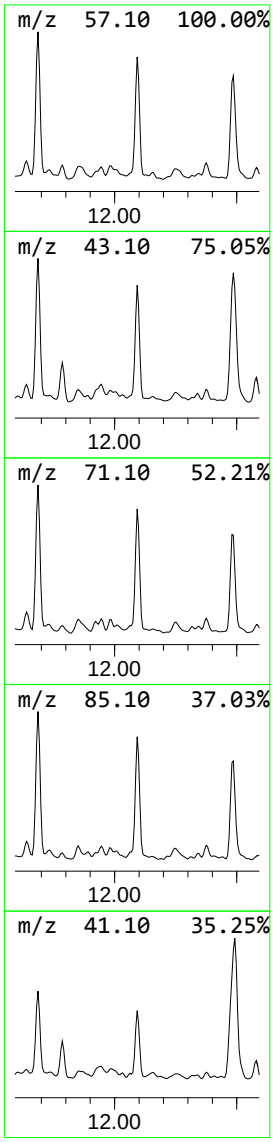
Peak Number 19 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	6.76 ng	160793	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

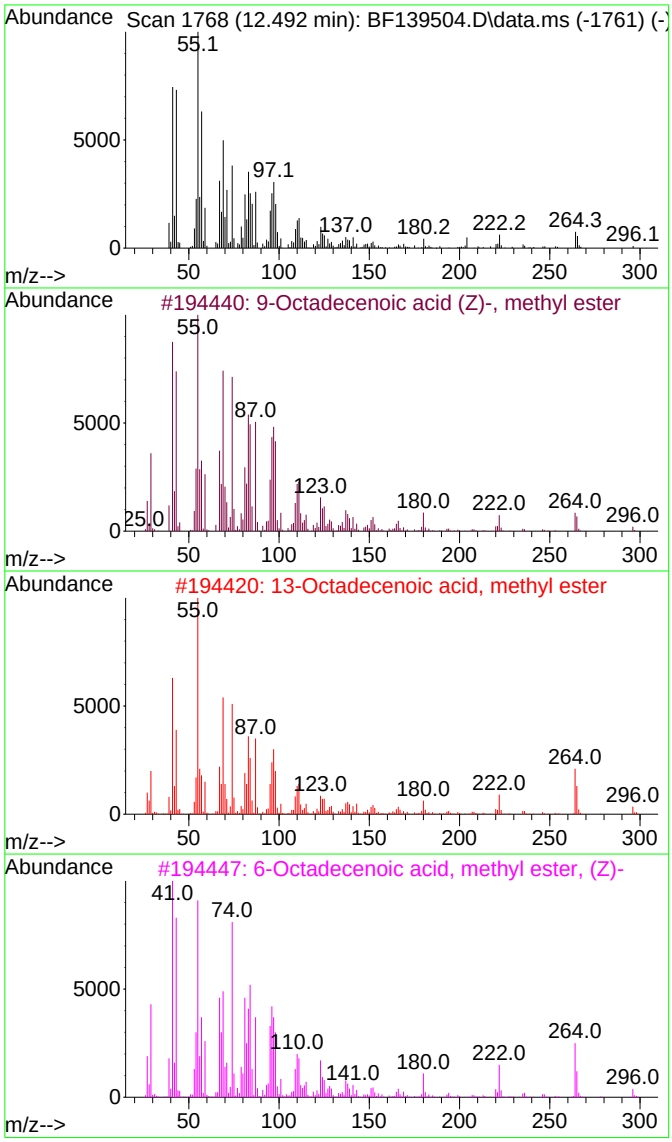
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

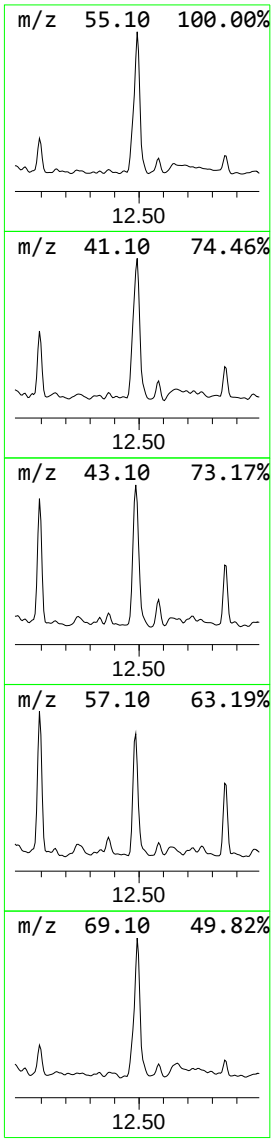
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	26.69 ng	634473	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139504.D
Acq On : 20 Sep 2024 16:24
Operator : RC/JU
Sample : P4125-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-09192024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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
Butane, 2-metho...	2.122	4.8	ng	104488	1	6.875	432611	20.0
Tridecane	8.745	4.6	ng	152337	2	8.157	659970	20.0
Oxalic acid, bu...	9.175	3.0	ng	62130	3	9.910	415482	20.0
Tridecane, 6-me...	9.310	10.9	ng	226212	3	9.910	415482	20.0
Naphthalene, 1,...	9.569	4.1	ng	85738	3	9.910	415482	20.0
Dodecane, 2,6,1...	9.627	5.6	ng	117133	3	9.910	415482	20.0
Pentadecane	9.839	10.7	ng	221200	3	9.910	415482	20.0
Sulfurous acid,...	10.163	2.9	ng	59259	3	9.910	415482	20.0
Hexadecane	10.339	12.0	ng	249801	3	9.910	415482	20.0
Undecane, 2,5-d...	10.557	6.2	ng	129536	3	9.910	415482	20.0
Nonadecane	10.816	16.5	ng	392034	4	11.398	475496	20.0
Heneicosane	11.257	9.4	ng	224457	4	11.398	475496	20.0
Dibenzothiophene	11.292	5.6	ng	133247	4	11.398	475496	20.0
Heptacosane	11.686	8.2	ng	195952	4	11.398	475496	20.0
Hexadecanoic ac...	11.786	4.6	ng	109798	4	11.398	475496	20.0
Anthracene, 1-m...	11.927	3.0	ng	71424	4	11.398	475496	20.0
4H-Cyclopenta[d...	12.010	6.6	ng	156241	4	11.398	475496	20.0
Tetracosane	12.092	6.8	ng	160793	4	11.398	475496	20.0
9-Octadecenoic ...	12.492	26.7	ng	634473	4	11.398	475496	20.0