LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-2-060623

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.445	566	571	575	rBV	1565789	1609839	12.80%	3.381%
2	6.463	739	744	747	rBV	1637786	1564796	12.44%	3.287%
3	6.834	804	807	811	rVB	645923	533297	4.24%	1.120%
4	7.398	899	903	906	rVV	1213588	1042353	8.29%	2.189%
5	8.116	1020	1025	1028	rBV	717114	744217	5.92%	1.563%
6	8.710	1123	1126	1129	rBV	277028	226634	1.80%	0.476%
7	8.939	1160	1165	1168	rBV2	150071	158499	1.26%	0.333%
8	9.139	1196	1199	1201	rVV2	165022	128124	1.02%	0.269%
9	9.198	1205	1209	1212	rVV	2101737	1676683	13.33%	3.522%
10	9.275	1218	1222	1227	rBV	518953	467232	3.72%	0.981%
11	9.598	1272	1277	1279	rVV4	287147	337993	2.69%	0.710%
12	9.622	1279	1281	1284	rVV2	156804	148899	1.18%	0.313%
13	9.657	1284	1287	1290	rVB	147039	133141	1.06%	0.280%
14	9.733	1298	1300	1305	rBV	134889	157782	1.25%	0.331%
15	9.804	1310	1312	1317	rVV	661141	556993	4.43%	1.170%
16	9.875	1321	1324	1327	rVV	730374	613469	4.88%	1.288%
17	10.039	1348	1352	1354	rBV2	87880	135648	1.08%	0.285%
18	10.127	1363	1367	1371	rBV4	166194	219269	1.74%	0.461%
19	10.192	1375	1378	1382	rBV5	85064	133952	1.07%	0.281%
20	10.304	1395	1397	1400	rVB	674473	573088	4.56%	1.204%
21	10.422	1414	1417	1423	rBV3	107590	137731	1.10%	0.289%
22	10.527	1430	1435	1441	rBV	293586	392056	3.12%	0.823%
23	10.586	1441	1445	1447	rVV2	133257	158482	1.26%	0.333%
24	10.663	1453	1458	1462	rBV2	994891	933880	7.43%	1.961%
25	10.780	1475	1478	1487	rBV	780916	913763	7.27%	1.919%
26	11.227	1551	1554	1557	rBV	616018	516288	4.11%	1.084%
27	11.257	1557	1559	1565	rVB	303766	326162	2.59%	0.685%
28	11.363	1574	1577	1579	rBV	581612	515238	4.10%	1.082%
29	11.386	1579	1581	1588	rVV	536527	539994	4.29%	1.134%
30	11.657	1624	1627	1630	rBV	528380	418856	3.33%	0.880%
31	11.680	1630	1631	1640	rVB4	73381	138079	1.10%	0.290%
32	11.763	1641	1645	1648	rBV	4060575	3686854	29.32%	7.744%
33	11.898	1665	1668	1673	rVV2	563246	635699	5.05%	1.335%
34	11.980	1679	1682	1684	rBV2	179423	174525	1.39%	0.367%
35	12.063	1693	1696	1701	rBV2	402815	401597	3.19%	0.843%
36	12.468	1758	1765	1767	rBV	6579034	12575897	100.00%	26.413%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.492	1767	1769	1773	rVB2	6448490	5941760	47.25%	12.480%
38	12.557	1777	1780	1783	rBV	1898840	1806678	14.37%	3.795%
39	12.586	1783	1785	1789	rBV2	559314	887146	7.05%	1.863%
40	12.686	1799	1802	1808	rVB3	120668	150242	1.19%	0.316%
41	12.815	1818	1824	1830	rVB2	709914	915219	7.28%	1.922%
42	12.957	1845	1848	1855	rVB	1388165	1283593	10.21%	2.696%
43	13.145	1873	1880	1883	rVB	173963	272393	2.17%	0.572%
44	13.186	1884	1887	1889	rVV	203879	216020	1.72%	0.454%
45	13.204	1889	1890	1894	rVV2	212547	181506	1.44%	0.381%
46	13.280	1900	1903	1906	rVB	187564	150425	1.20%	0.316%
47	13.951	2014	2017	2020	rVB	181779	150201	1.19%	0.315%
48	14.010	2022	2027	2030	rBV2	515699	724509	5.76%	1.522%
49	14.039	2030	2032	2035	rVB	257216	199530	1.59%	0.419%
50	15.051	2200	2204	2212	rBV	227031	422277	3.36%	0.887%
51	15.351	2253	2255	2261	rVB	126681	156200	1.24%	0.328%
52	15.415	2262	2266	2272	rVB	200869	264654	2.10%	0.556%
53	15.480	2273	2277	2280	rBV	205660	262352	2.09%	0.551%

Sum of corrected areas: 47611714

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
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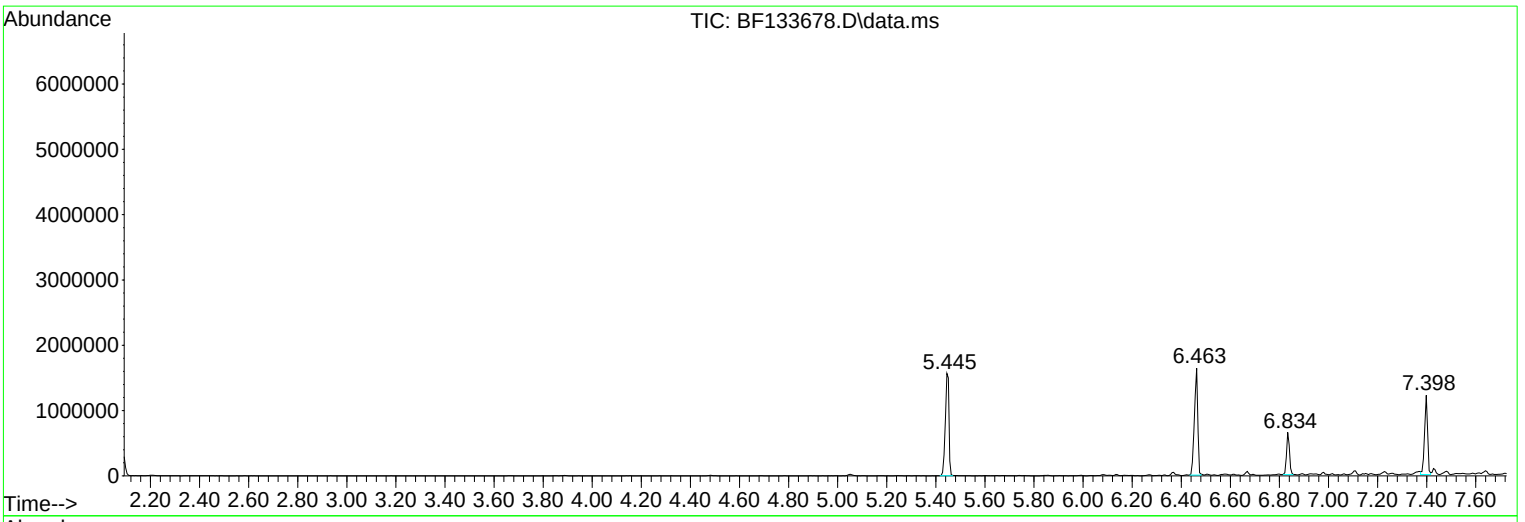
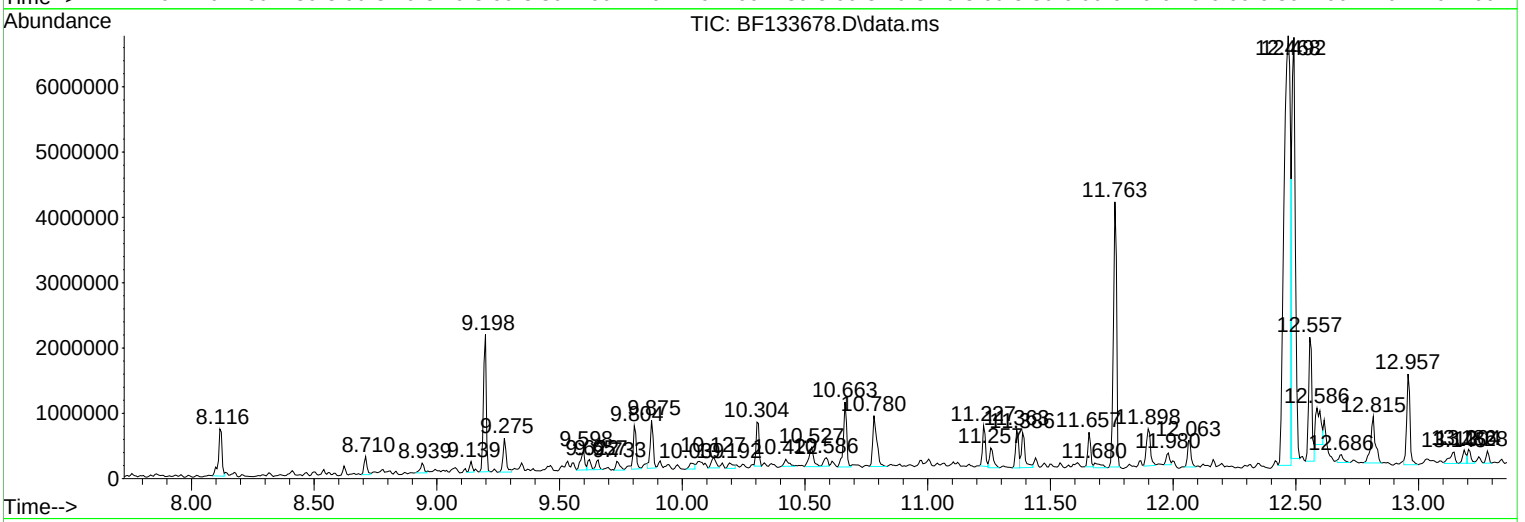
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

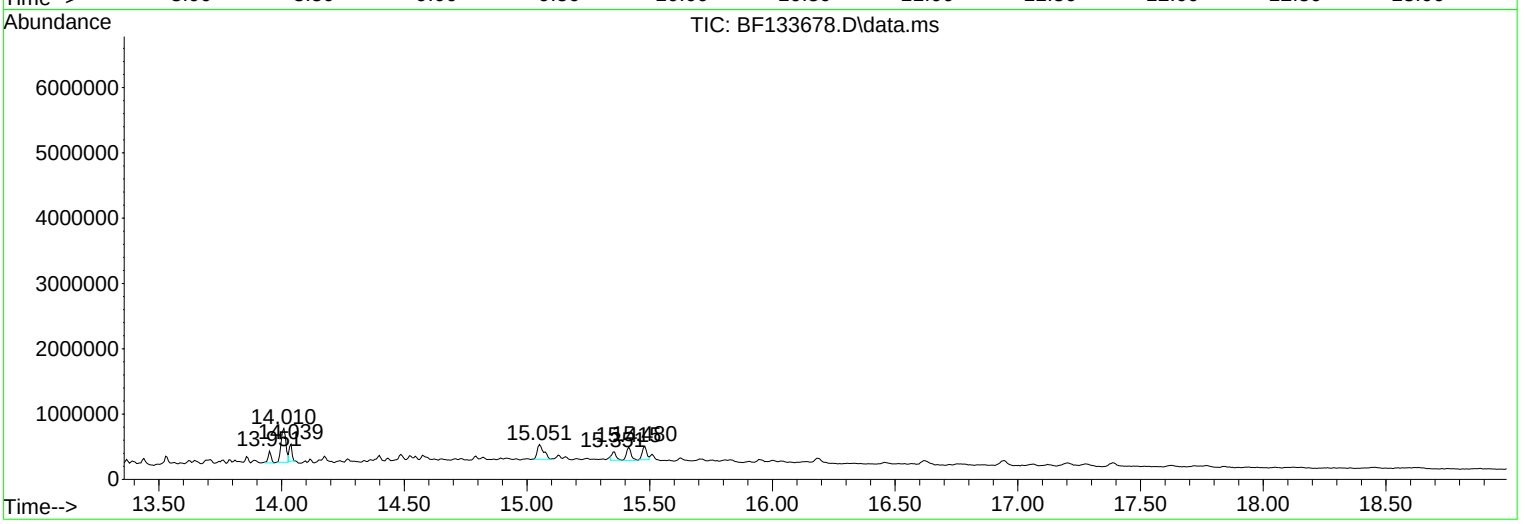
Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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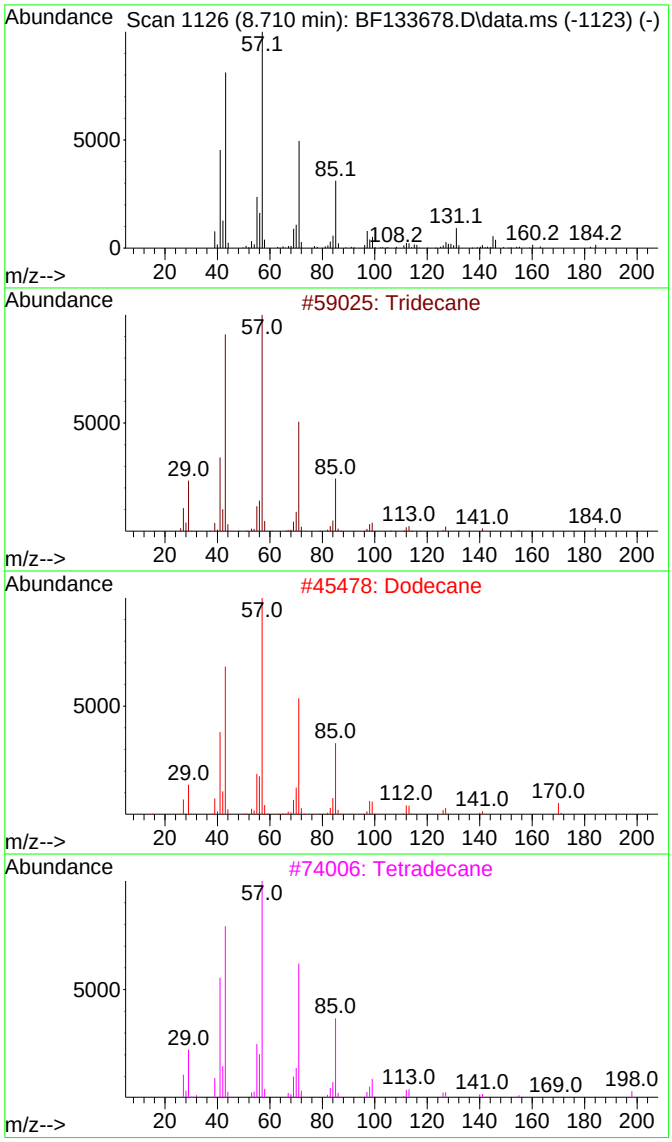
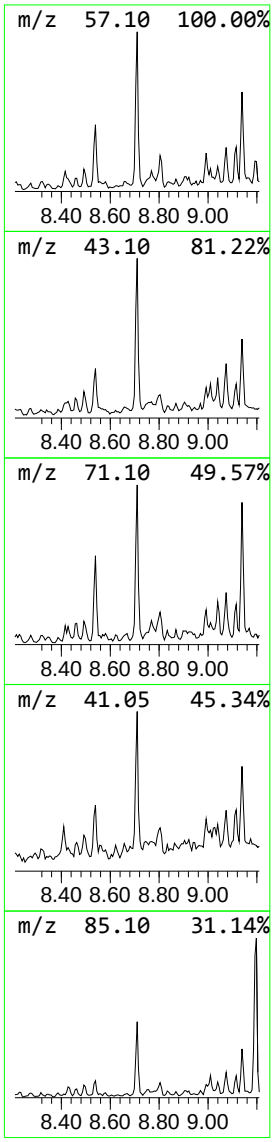
Peak Number 1 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	6.09 ng	226634	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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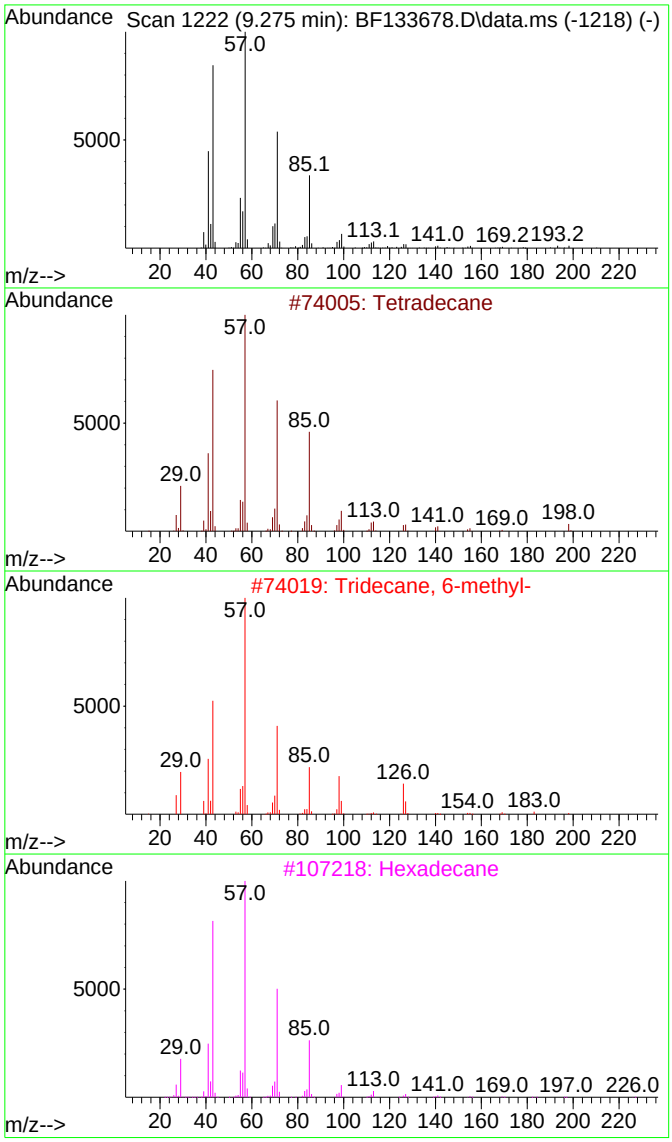
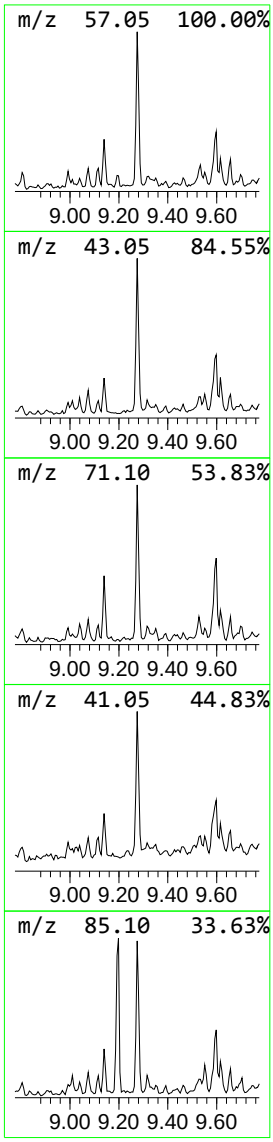
Peak Number 2 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	15.23 ng	467232	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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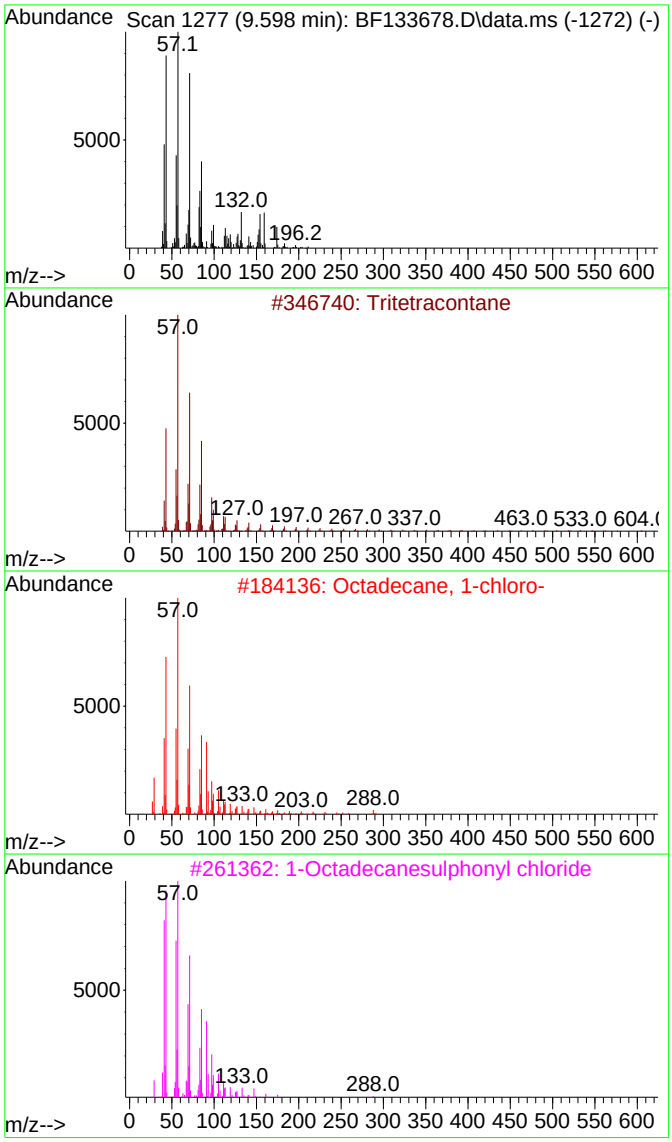
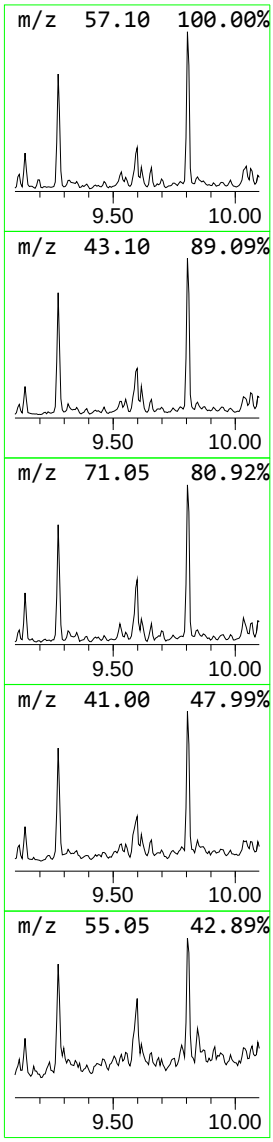
Peak Number 3 Tritetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	11.02 ng	337993	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	72
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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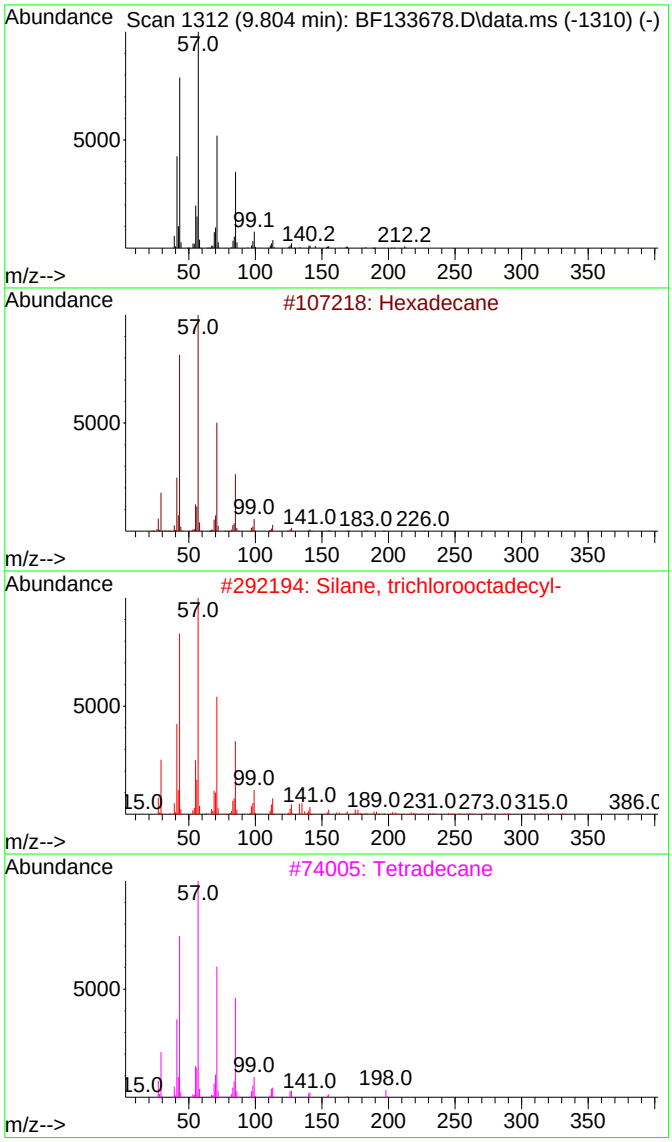
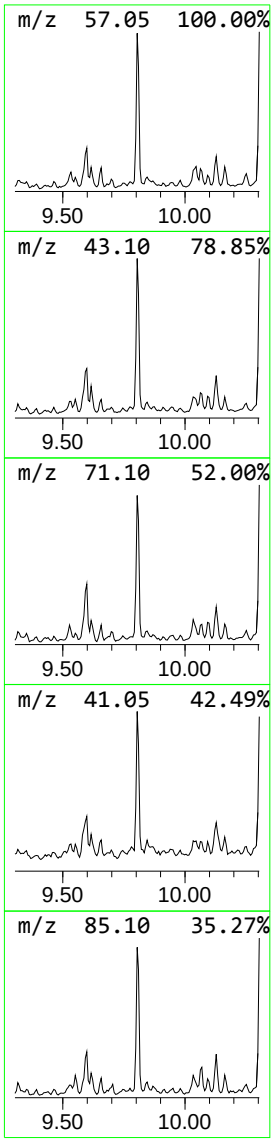
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	18.16 ng	556993	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Undecane	156	C11H24	001120-21-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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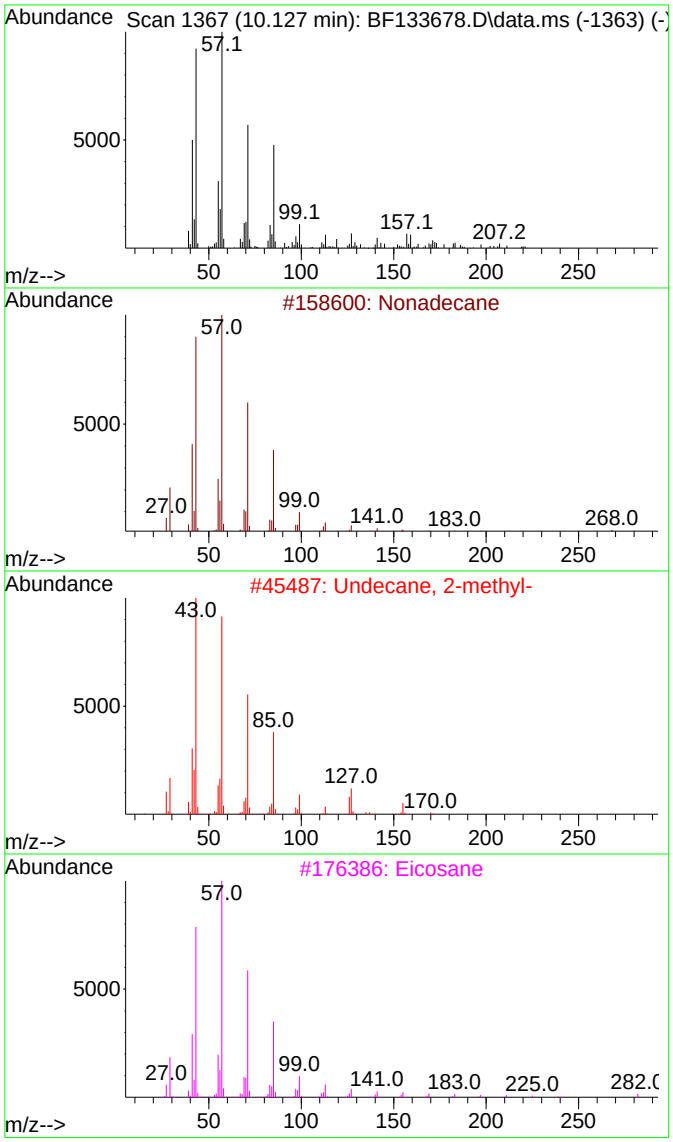
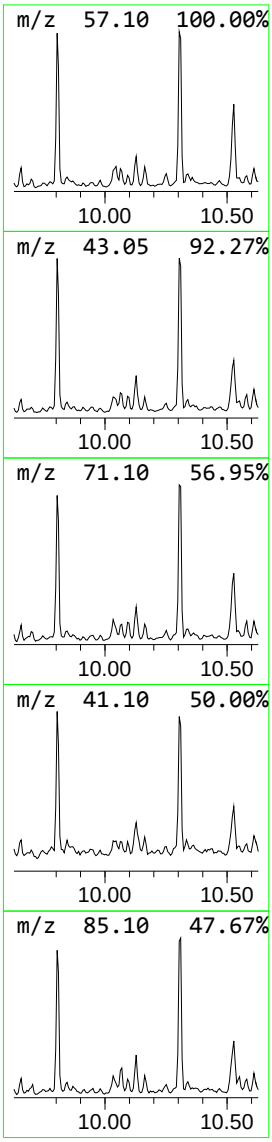
Peak Number 5 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	7.15 ng	219269	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
3	Eicosane	282	C20H42	000112-95-8	74
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
5	Heptadecane	240	C17H36	000629-78-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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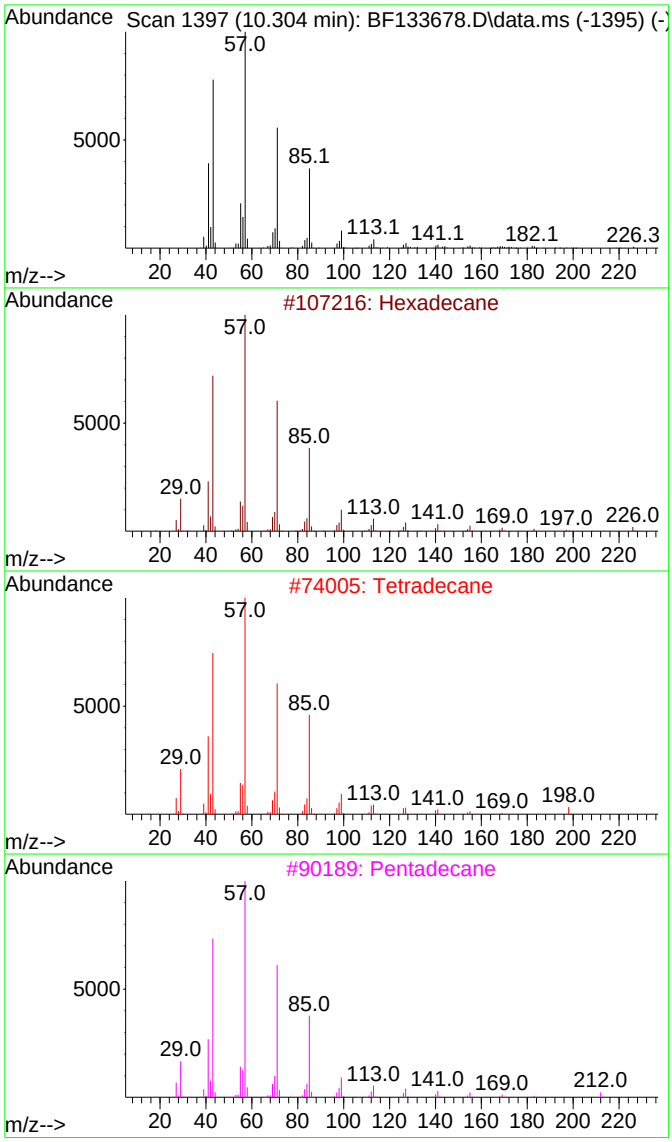
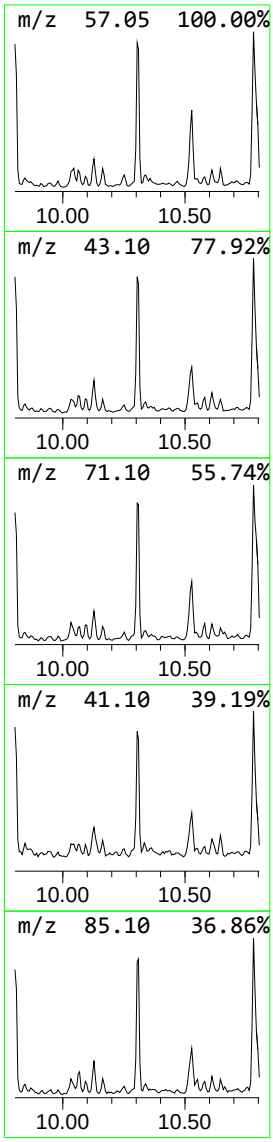
Peak Number 6 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	18.68 ng	573088	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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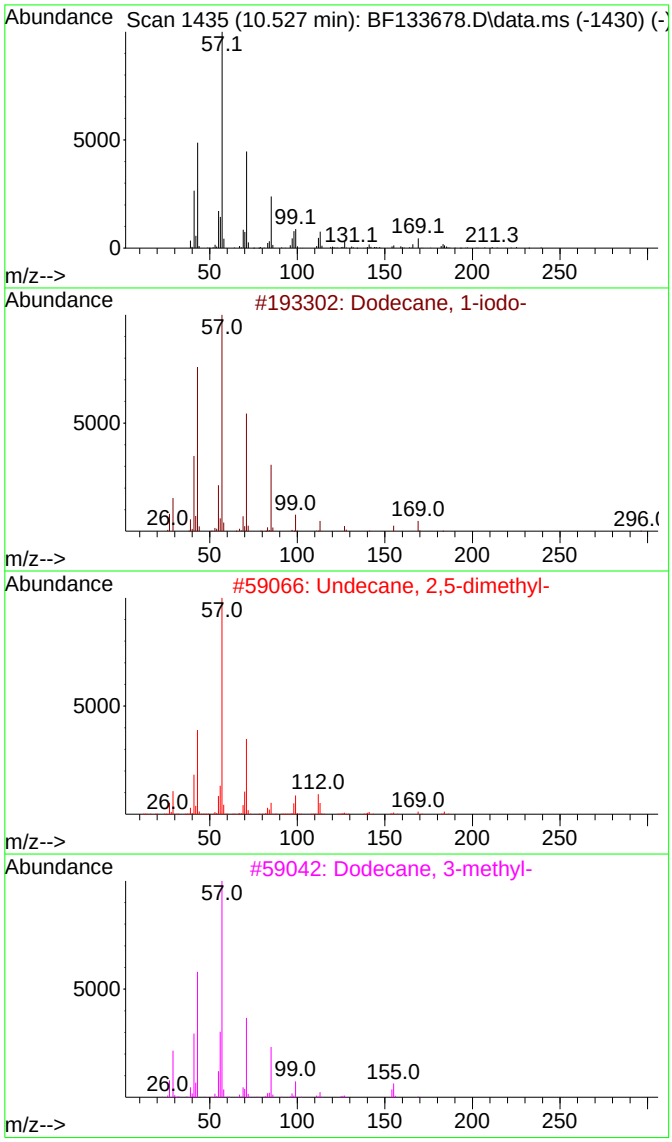
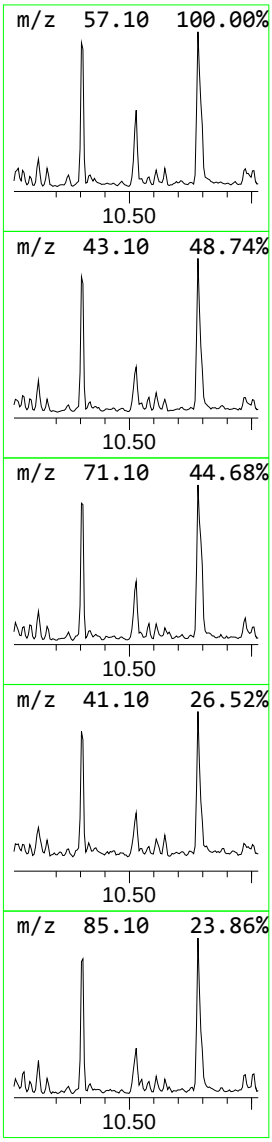
Peak Number 7 Dodecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.527	12.78 ng	392056	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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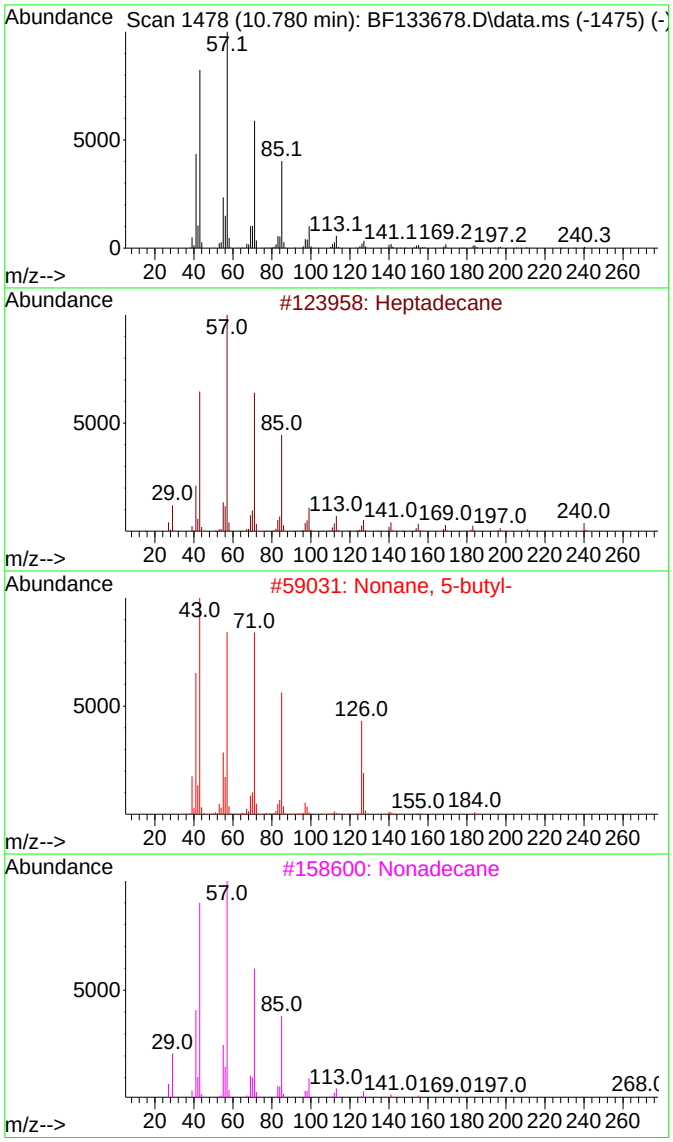
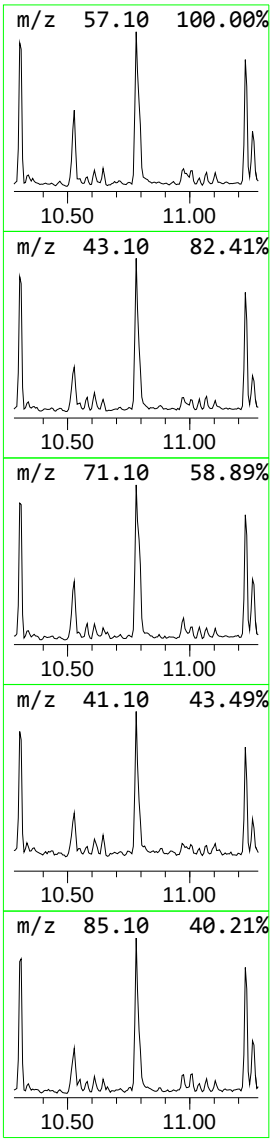
Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	35.47 ng	913763	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-2-060623

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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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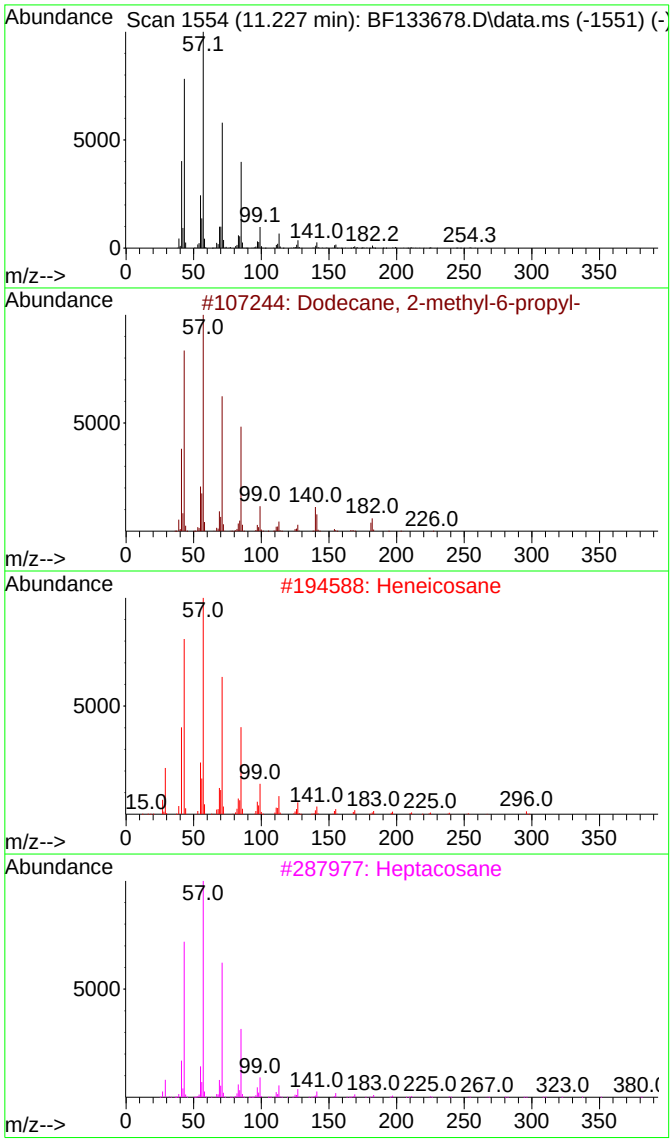
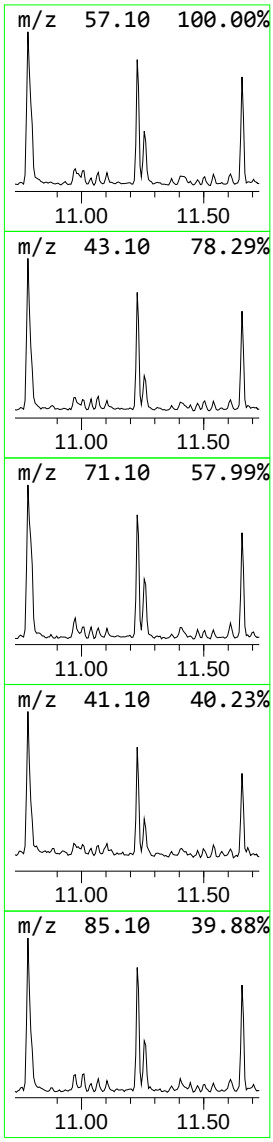
Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	20.04 ng	516288	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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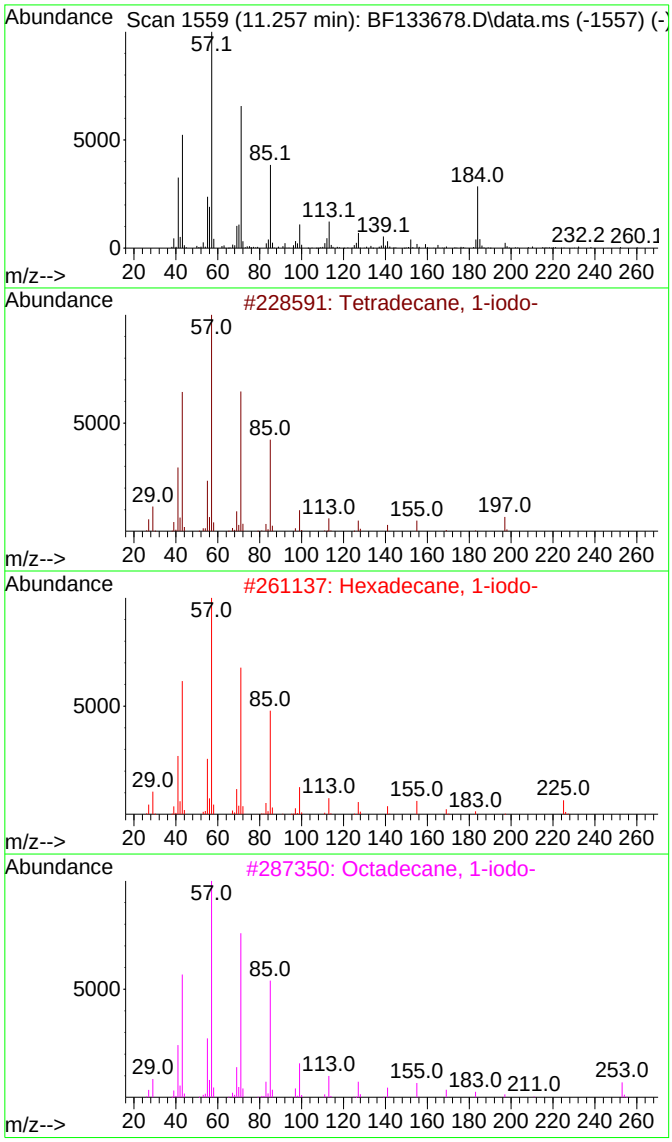
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

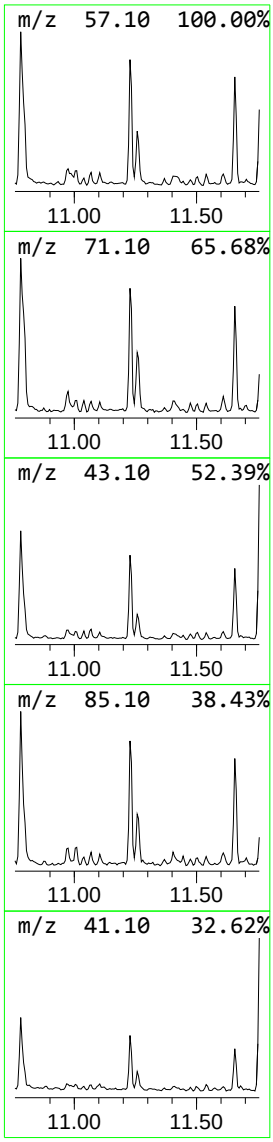
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Tetradecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	12.66 ng	326162	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	52





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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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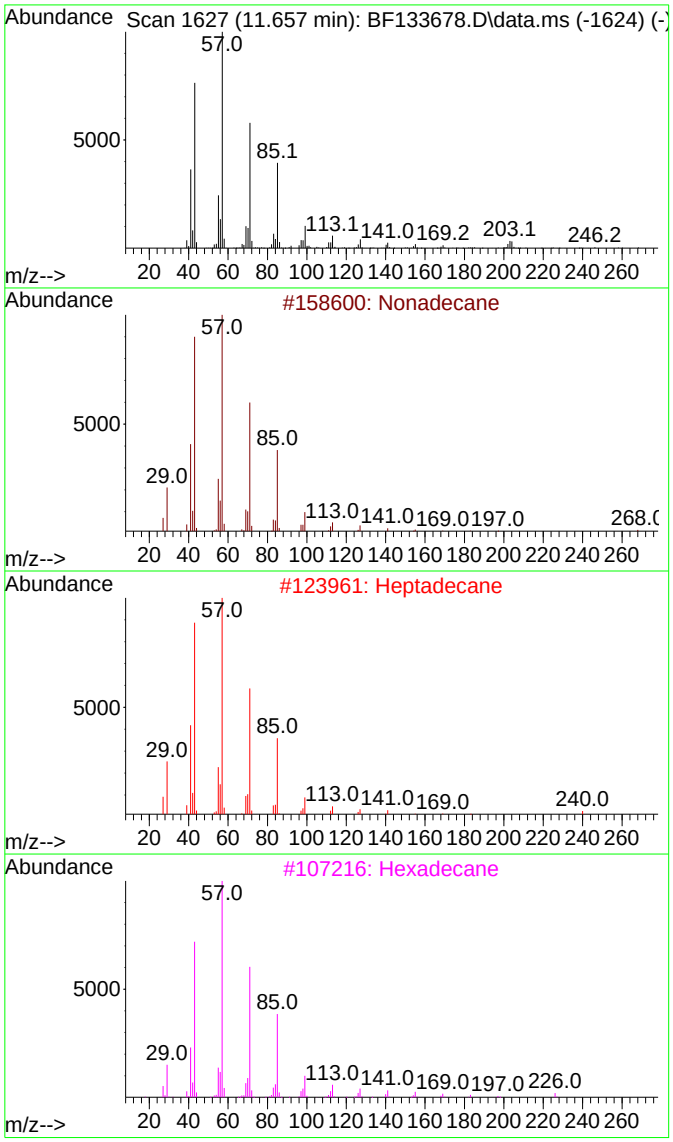
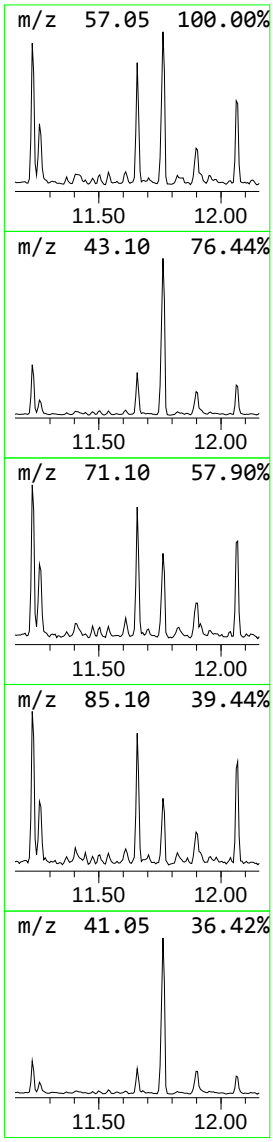
Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	16.26 ng	418856	Phenanthrene-d10	11.363

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	Hexadecane	226	C16H34	000544-76-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	87





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Misc :
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Instrument :
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ClientSampleId :
SU-2-060623

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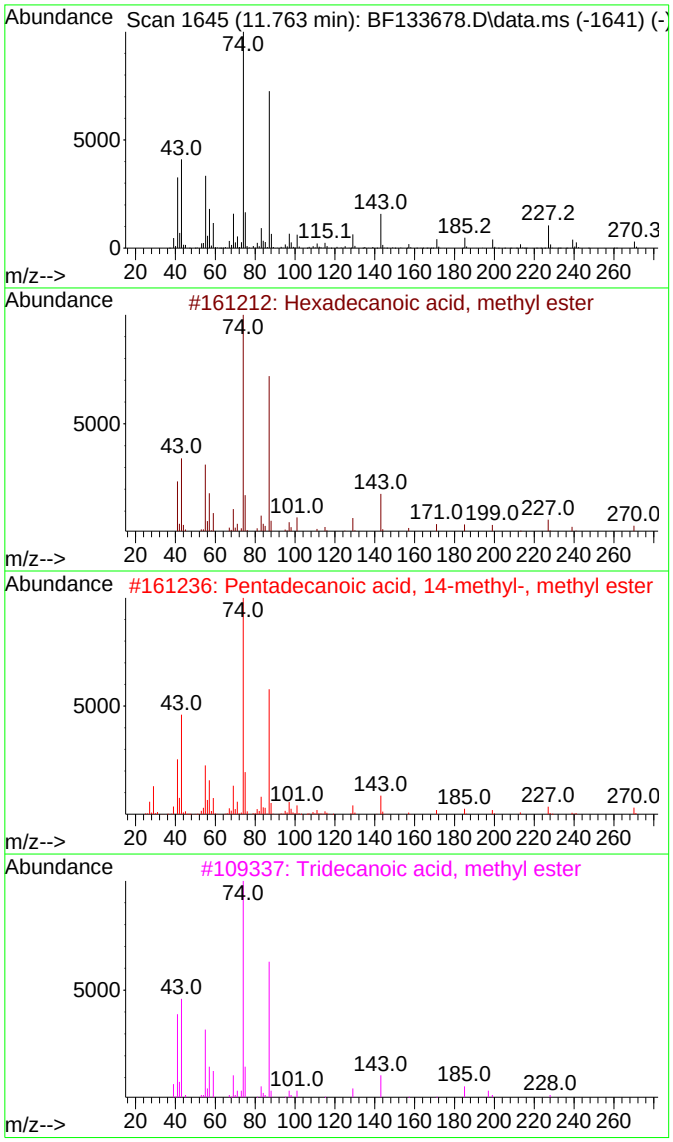
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

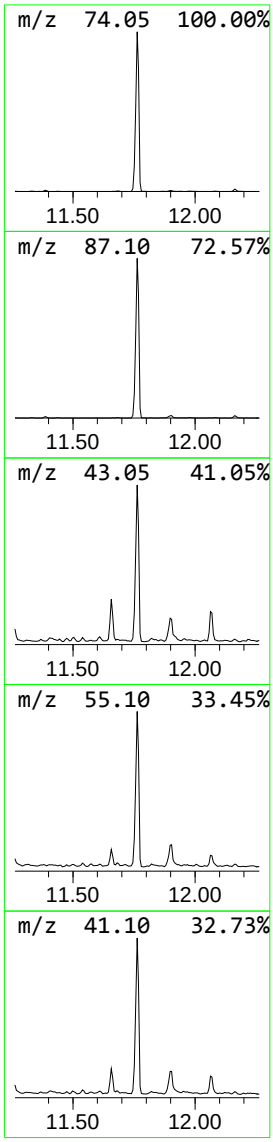
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	143.11 ng	3686850	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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ALS Vial : 6 Sample Multiplier: 1

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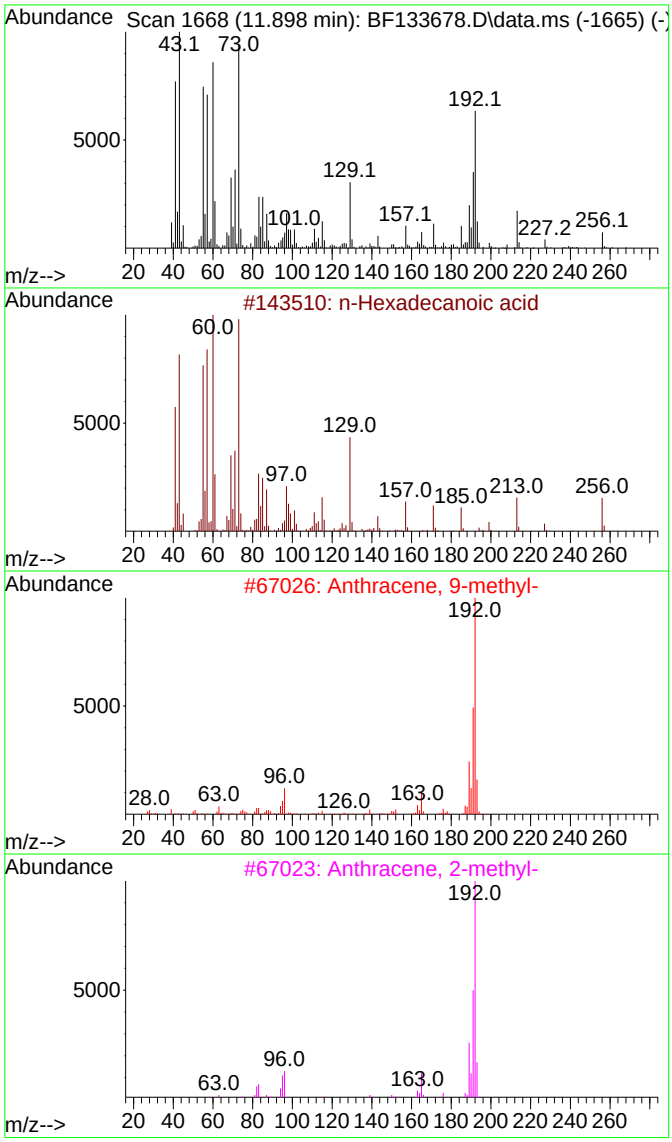
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

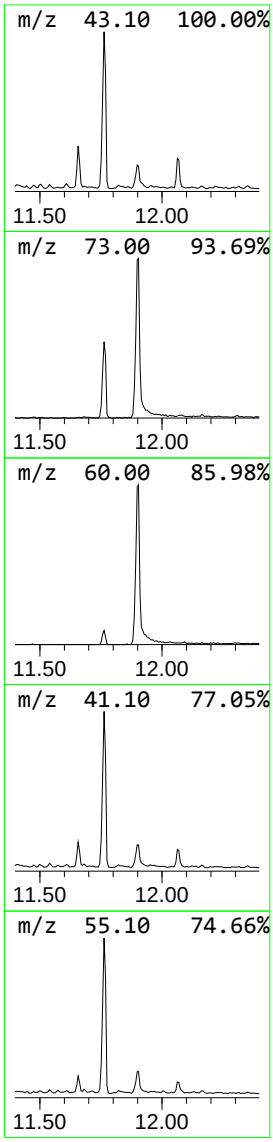
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	24.68 ng	635699	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





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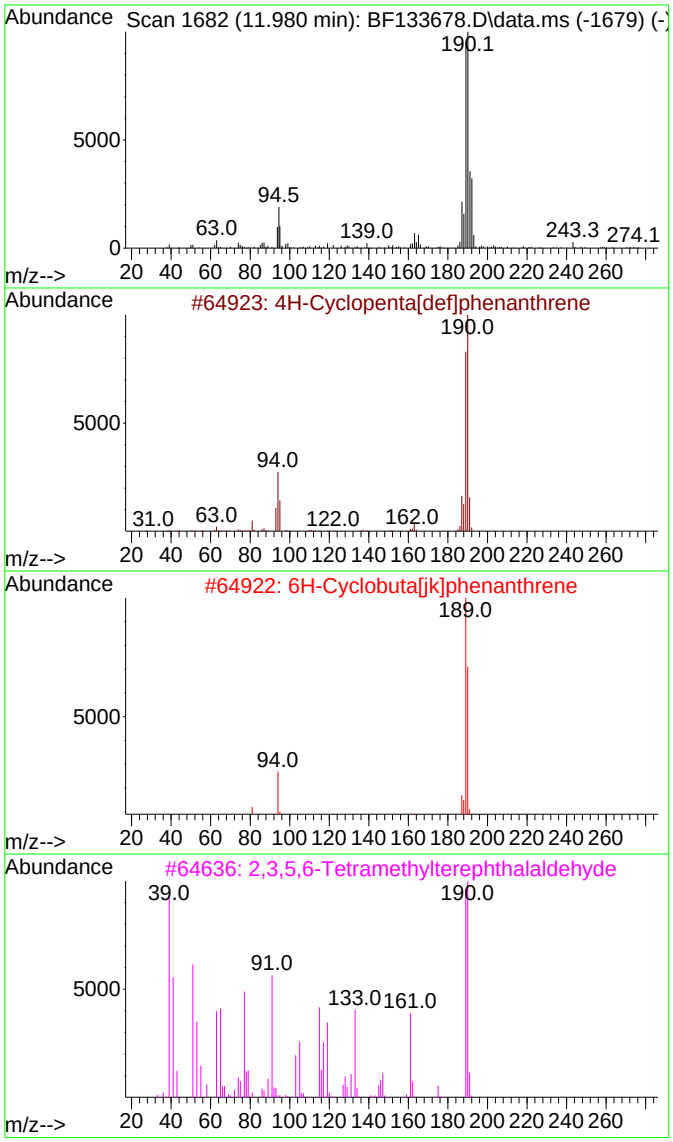
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

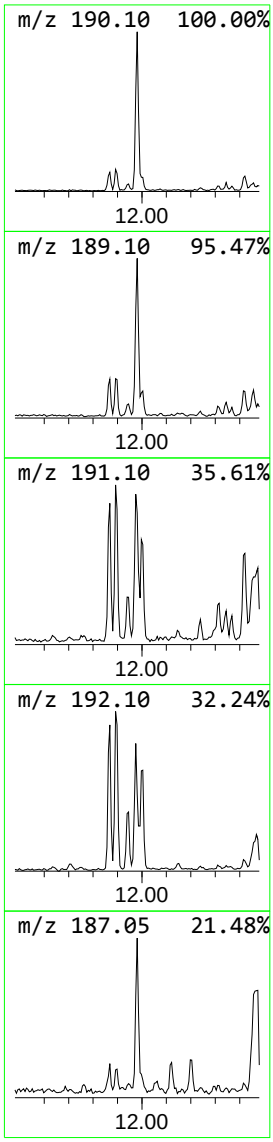
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	6.77 ng	174525	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 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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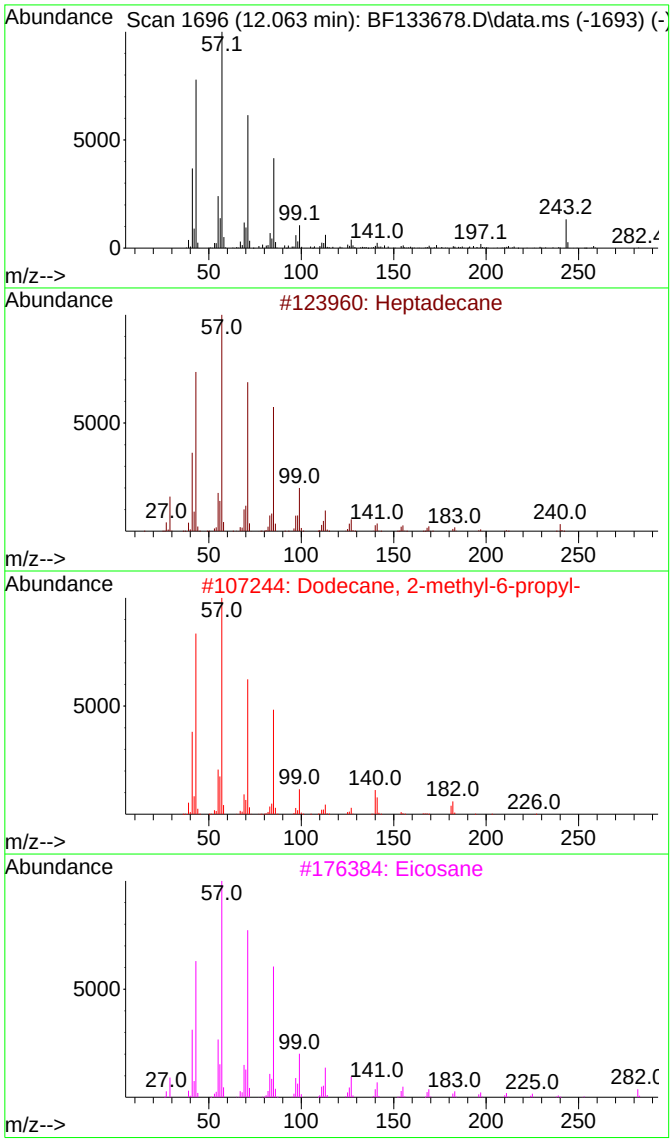
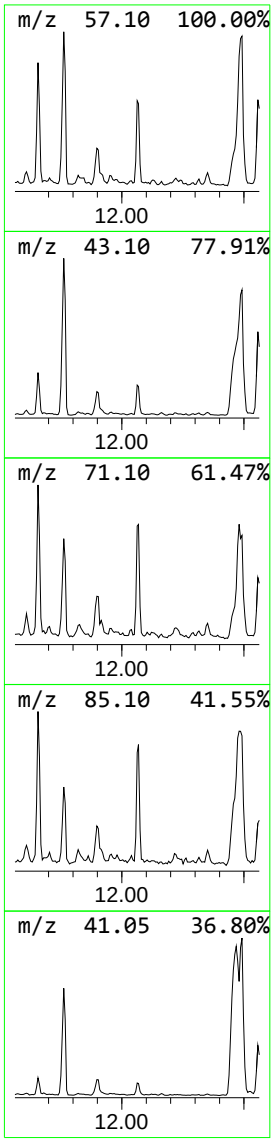
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	15.59 ng	401597	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





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ALS Vial : 6 Sample Multiplier: 1

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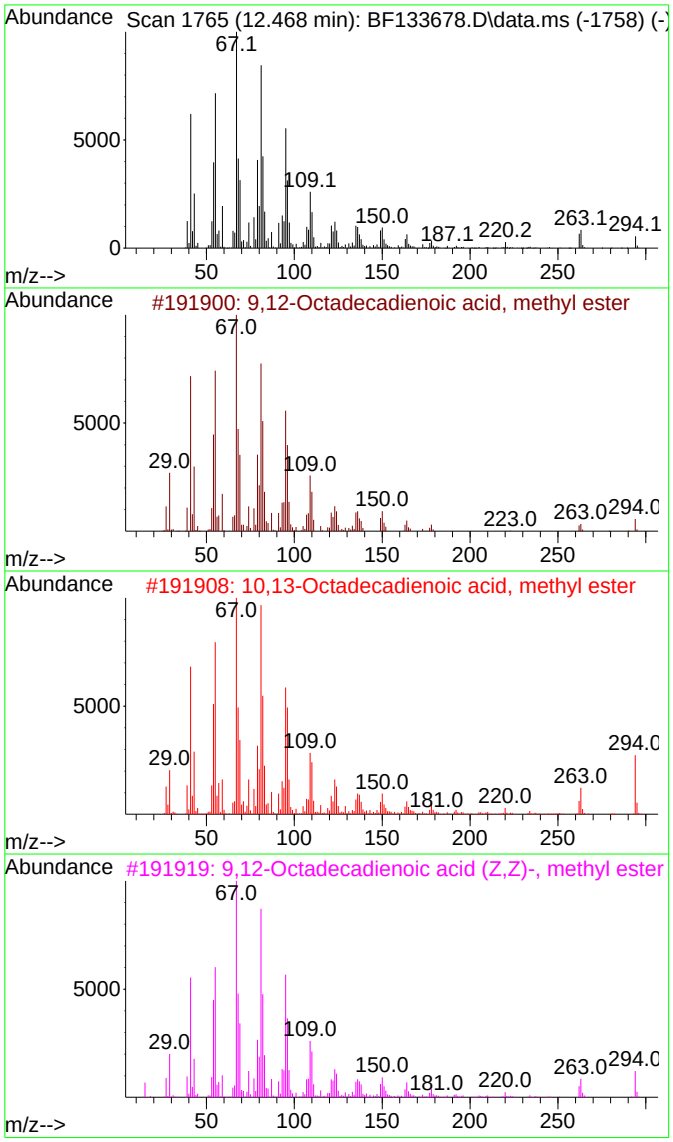
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

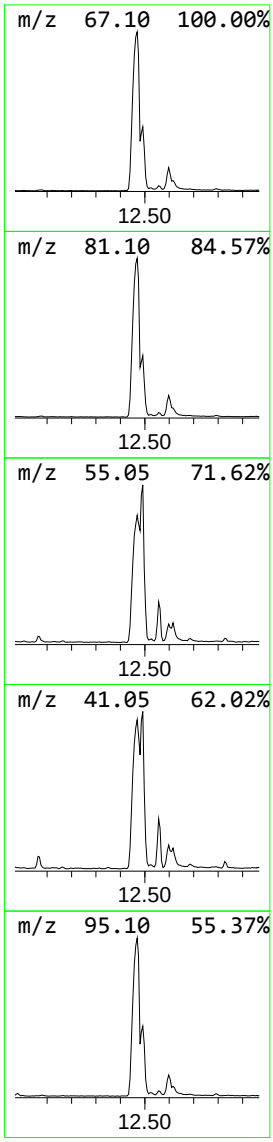
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	488.16 ng	12575900	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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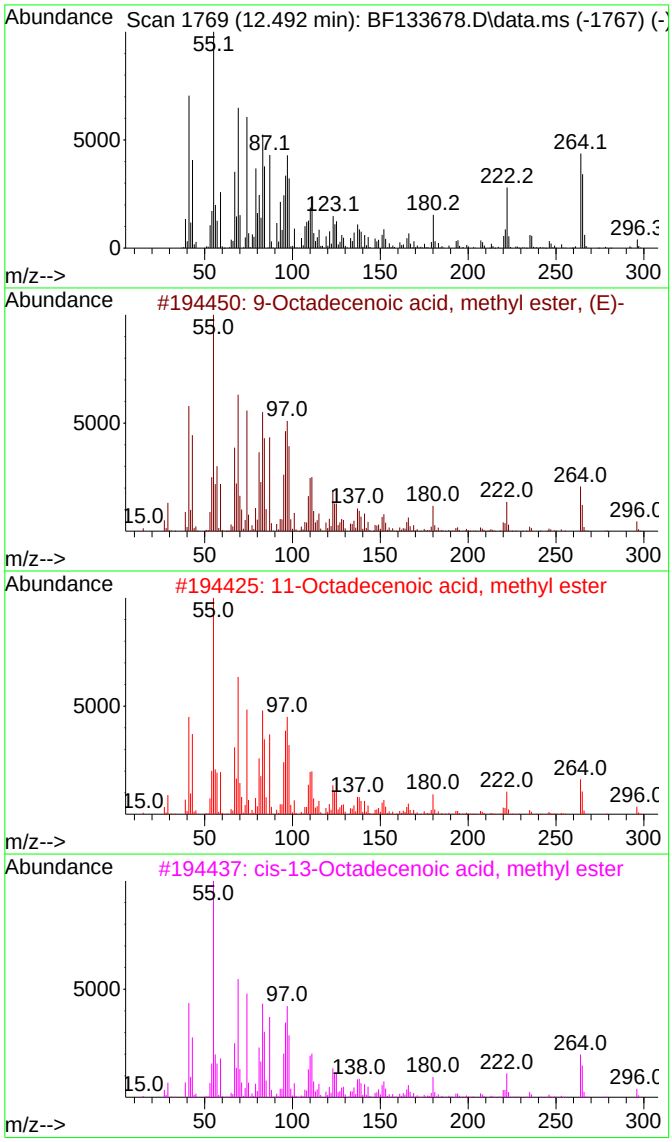
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

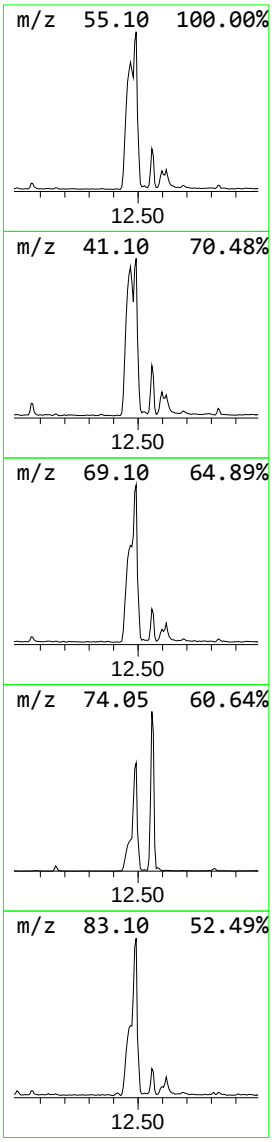
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	230.64 ng	5941760	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	98
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98





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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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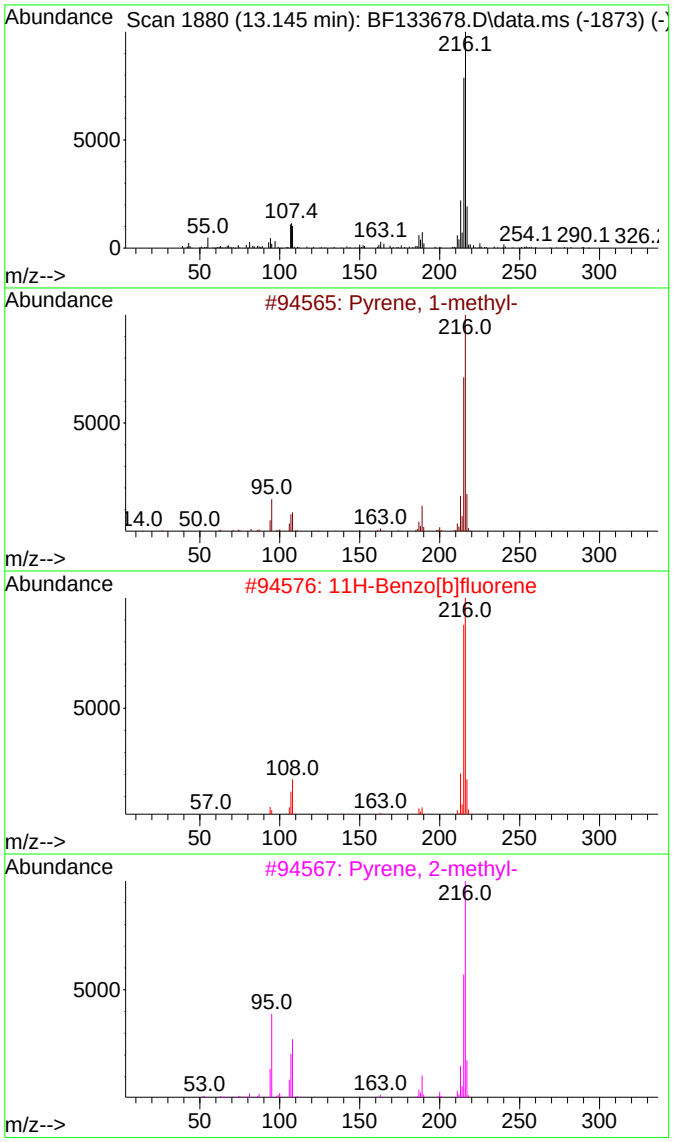
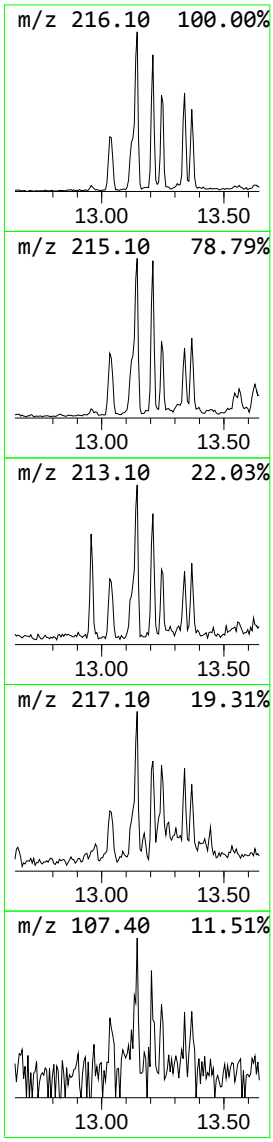
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	7.52 ng	272393	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	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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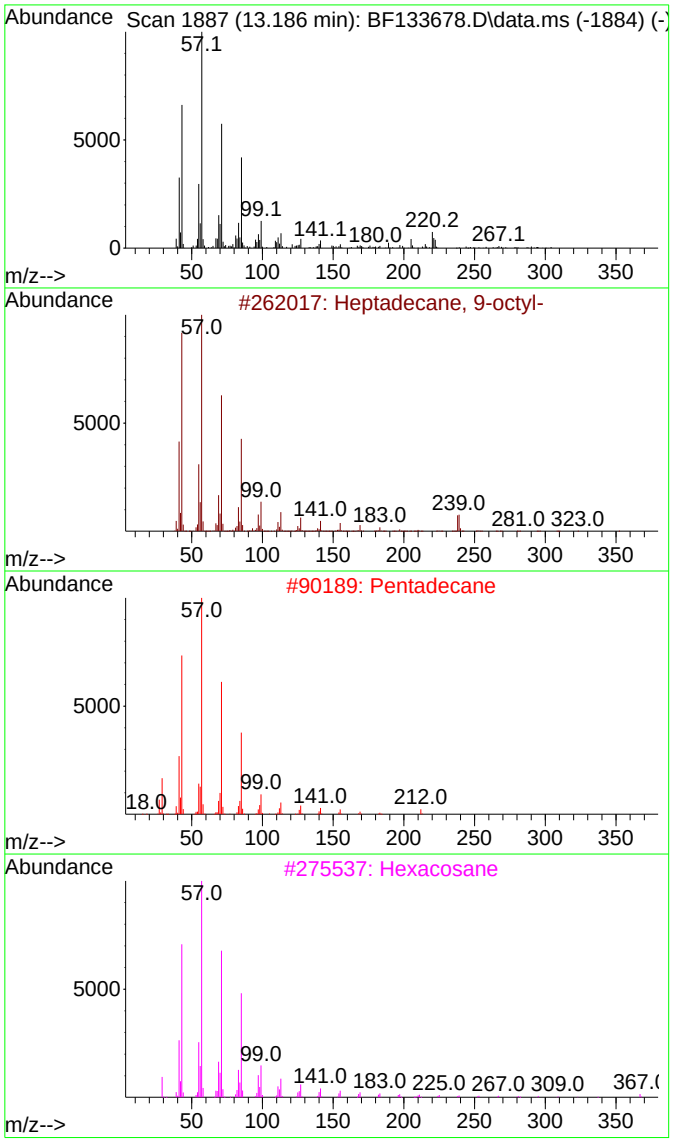
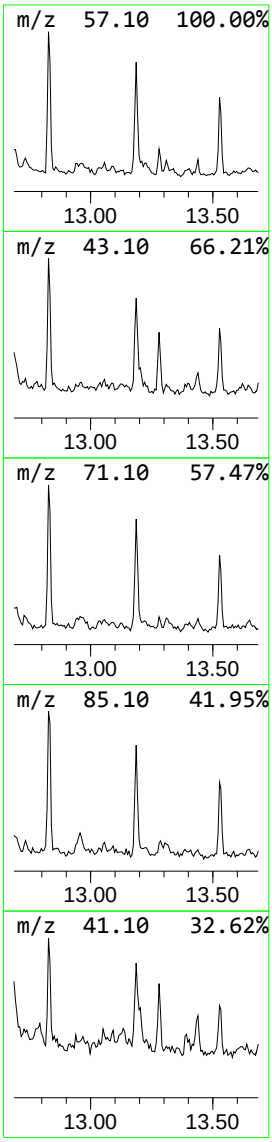
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	5.96 ng	216020	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
2	Pentadecane	212	C15H32	000629-62-9	74
3	Hexacosane	366	C26H54	000630-01-3	72
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5	Heptadecane	240	C17H36	000629-78-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

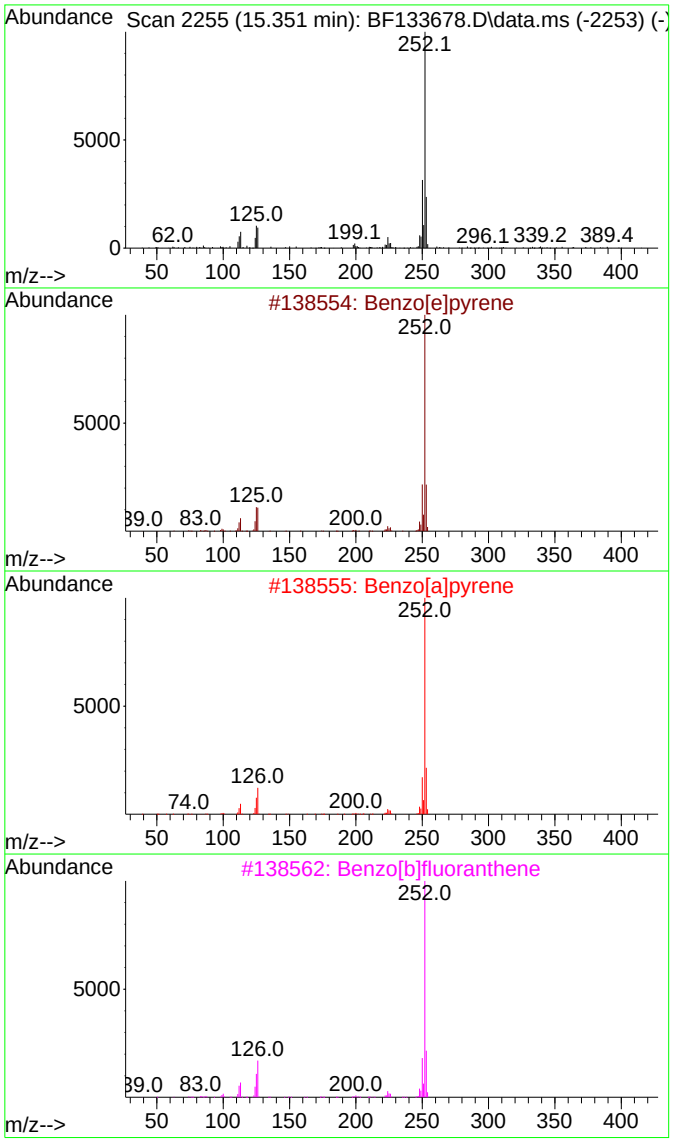
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

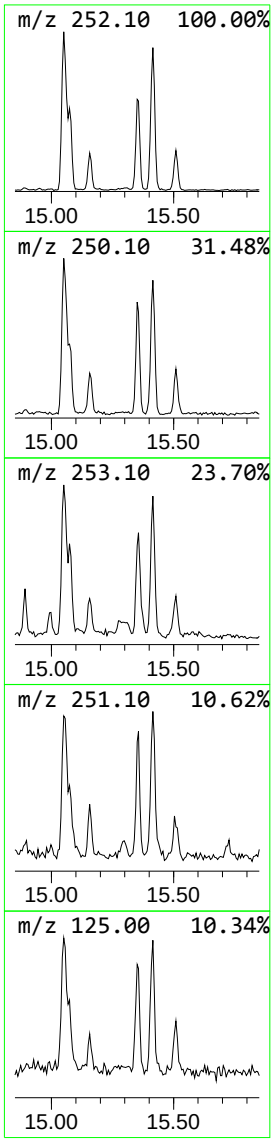
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	11.91 ng	156200	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133678.D
Acq On : 09 Jun 2023 16:18
Operator : CG\JU
Sample : 03068-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-060623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Tridecane	8.710	6.1	ng	226634	2	8.116	744217	20.0
Tetradecane	9.275	15.2	ng	467232	3	9.874	613469	20.0
Tritetracontane	9.598	11.0	ng	337993	3	9.874	613469	20.0
Hexadecane	9.804	18.2	ng	556993	3	9.874	613469	20.0
Nonadecane	10.127	7.2	ng	219269	3	9.874	613469	20.0
Pentadecane	10.304	18.7	ng	573088	3	9.874	613469	20.0
Dodecane, 1-iodo-	10.527	12.8	ng	392056	3	9.874	613469	20.0
Heptadecane	10.780	35.5	ng	913763	4	11.363	515238	20.0
Dodecane, 2-met...	11.227	20.0	ng	516288	4	11.363	515238	20.0
Tetradecane, 1-...	11.257	12.7	ng	326162	4	11.363	515238	20.0
Eicosane	11.657	16.3	ng	418856	4	11.363	515238	20.0
Hexadecanoic ac...	11.763	143.1	ng	3686850	4	11.363	515238	20.0
n-Hexadecanoic ...	11.898	24.7	ng	635699	4	11.363	515238	20.0
4H-Cyclopenta[d...	11.980	6.8	ng	174525	4	11.363	515238	20.0
Heneicosane	12.063	15.6	ng	401597	4	11.363	515238	20.0
9,12-Octadecadi...	12.468	488.2	ng	12575900	4	11.363	515238	20.0
9-Octadecenoic ...	12.492	230.6	ng	5941760	4	11.363	515238	20.0
Pyrene, 1-methyl-	13.145	7.5	ng	272393	5	14.009	724509	20.0
Heptadecane, 9-...	13.186	6.0	ng	216020	5	14.009	724509	20.0
Benzo[e]pyrene	15.351	11.9	ng	156200	6	15.480	262352	20.0