LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	19	rVB	190363	238230	20.98%	1.729%
2	2.275	28	32	44	rVB2	15423	27948	2.46%	0.203%
3	5.128	513	517	526	rBV	195115	196712	17.32%	1.427%
4	5.528	581	585	595	rVB	879489	753296	66.34%	5.467%
5	5.928	648	653	660	rBV2	10611	14675	1.29%	0.106%
6	6.534	753	756	760	rBV	758552	711480	62.66%	5.163%
7	6.563	760	761	764	rVB	30784	17957	1.58%	0.130%
8	6.922	818	822	825	rVB	620155	511470	45.05%	3.712%
9	7.186	864	867	870	rVB3	18269	15378	1.35%	0.112%
10	7.316	882	889	891	rBV6	11175	15967	1.41%	0.116%
11	7.451	906	912	914	rBV3	19753	22770	2.01%	0.165%
12	7.481	914	917	920	rVV	531202	401919	35.40%	2.917%
13	7.563	926	931	934	rBV5	16950	23765	2.09%	0.172%
14	7.616	934	940	943	rBV5	8300	15522	1.37%	0.113%
15	7.728	954	959	961	rVB6	13743	14355	1.26%	0.104%
16	7.839	976	978	982	rBV3	18502	19366	1.71%	0.141%
17	7.939	993	995	998	rBV3	16193	16036	1.41%	0.116%
18	8.069	1014	1017	1020	rBV3	15671	14559	1.28%	0.106%
19	8.133	1025	1028	1033	rVV5	17304	26941	2.37%	0.196%
20	8.175	1033	1035	1037	rVV2	25008	26068	2.30%	0.189%
21	8.204	1037	1040	1043	rVV	736934	599671	52.81%	4.352%
22	8.228	1043	1044	1046	rVV	36210	21929	1.93%	0.159%
23	8.257	1046	1049	1051	rVB2	43556	40994	3.61%	0.297%
24	8.286	1051	1054	1056	rBV4	19648	17785	1.57%	0.129%
25	8.404	1071	1074	1076	rVB2	18287	15556	1.37%	0.113%
26	8.492	1085	1089	1093	rVB6	26940	37524	3.30%	0.272%
27	8.545	1093	1098	1101	rBV7	13412	21888	1.93%	0.159%
28	8.616	1108	1110	1112	rBV	55157	38108	3.36%	0.277%
29	8.669	1116	1119	1123	rVB6	18106	21095	1.86%	0.153%
30	8.710	1123	1126	1128	rBV3	28639	24616	2.17%	0.179%
31	8.739	1128	1131	1133	rBV4	16009	17511	1.54%	0.127%
32	8.786	1137	1139	1143	rBV3	30491	31941	2.81%	0.232%
33	8.828	1143	1146	1148	rBV4	11911	14194	1.25%	0.103%
34	8.922	1159	1162	1165	rVB	23314	19768	1.74%	0.143%
35	8.975	1169	1171	1174	rBV4	14592	19459	1.71%	0.141%
36	9.022	1177	1179	1182	rVV2	30369	27033	2.38%	0.196%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.080	1185	1189	1192	rBV5	14678	25755	2.27%	0.187%
38	9.110	1192	1194	1197	rVB3	18651	19828	1.75%	0.144%
39	9.151	1197	1201	1203	rBV4	15476	20993	1.85%	0.152%
40	9.198	1206	1209	1210	rBV2	21003	14982	1.32%	0.109%
41	9.216	1210	1212	1219	rVB	64203	69055	6.08%	0.501%
42	9.280	1219	1223	1226	rBV	976844	725708	63.91%	5.266%
43	9.357	1233	1236	1239	rBV2	72212	74510	6.56%	0.541%
44	9.427	1246	1248	1251	rVB3	23392	21250	1.87%	0.154%
45	9.551	1265	1269	1271	rBV3	26011	32889	2.90%	0.239%
46	9.622	1278	1281	1284	rBV3	38888	46042	4.05%	0.334%
47	9.675	1287	1290	1293	rVV2	113918	124923	11.00%	0.907%
48	9.739	1297	1301	1303	rBV4	27282	28975	2.55%	0.210%
49	9.780	1306	1308	1310	rVB3	23434	16879	1.49%	0.122%
50	9.827	1313	1316	1319	rBV	165695	143161	12.61%	1.039%
51	9.875	1321	1324	1328	rVB2	62502	66480	5.85%	0.482%
52	9.969	1334	1340	1343	rVB	725266	616074	54.26%	4.471%
53	9.998	1343	1345	1350	rVV	71096	66003	5.81%	0.479%
54	10.069	1354	1357	1361	rBV5	26708	41529	3.66%	0.301%
55	10.169	1368	1374	1378	rBV4	44914	72238	6.36%	0.524%
56	10.210	1378	1381	1385	rVB3	45088	43024	3.79%	0.312%
57	10.280	1390	1393	1395	rBV3	49104	52473	4.62%	0.381%
58	10.333	1400	1402	1404	rVB3	23272	16415	1.45%	0.119%
59	10.374	1405	1409	1410	rBV2	54846	54446	4.80%	0.395%
60	10.422	1414	1417	1419	rBV2	32669	32253	2.84%	0.234%
61	10.516	1430	1433	1440	rVB2	68002	70332	6.19%	0.510%
62	10.586	1443	1445	1446	rBV	23721	19572	1.72%	0.142%
63	10.610	1446	1449	1455	rVB	81164	101862	8.97%	0.739%
64	10.757	1471	1474	1478	rBV	528942	440708	38.81%	3.198%
65	10.874	1490	1494	1497	rBV	181643	214291	18.87%	1.555%
66	11.263	1558	1560	1563	rVB2	34981	26912	2.37%	0.195%
67	11.345	1571	1574	1580	rVB2	120564	160142	14.10%	1.162%
68	11.463	1590	1594	1596	rBV	780032	666666	58.71%	4.838%
69	11.486	1596	1598	1601	rVV	543380	406363	35.79%	2.949%
70	11.539	1604	1607	1609	rVV	149472	129815	11.43%	0.942%
71	11.569	1610	1612	1617	rVB2	40679	53351	4.70%	0.387%
72	11.692	1630	1633	1636	rBV	91785	84799	7.47%	0.615%
73	11.963	1677	1679	1681	rBV	84412	78240	6.89%	0.568%
74	11.992	1682	1684	1688	rVB	127712	104293	9.19%	0.757%
75	12.080	1695	1699	1701	rBV2	188535	195465	17.21%	1.418%
76	12.286	1732	1734	1737	rVB2	73089	62426	5.50%	0.453%

LSC Area Percent Report

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Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.516	1770	1773	1775	rBV	96720	96509	8.50%	0.700%
78	12.680	1798	1801	1805	rBV	1146731	974608	85.83%	7.073%
79	12.916	1835	1841	1846	rBV	1069098	1135463	100.00%	8.240%
80	13.051	1861	1864	1866	rBV	816637	614603	54.13%	4.460%
81	13.304	1905	1907	1910	rVB	106905	81998	7.22%	0.595%
82	14.110	2041	2044	2047	rBV2	528424	710182	62.55%	5.154%
83	14.139	2047	2049	2056	rVB	338534	346946	30.56%	2.518%
84	15.180	2224	2226	2230	rBV	193885	252051	22.20%	1.829%
85	15.568	2289	2292	2298	rVB	214385	273234	24.06%	1.983%

Sum of corrected areas: 13780202

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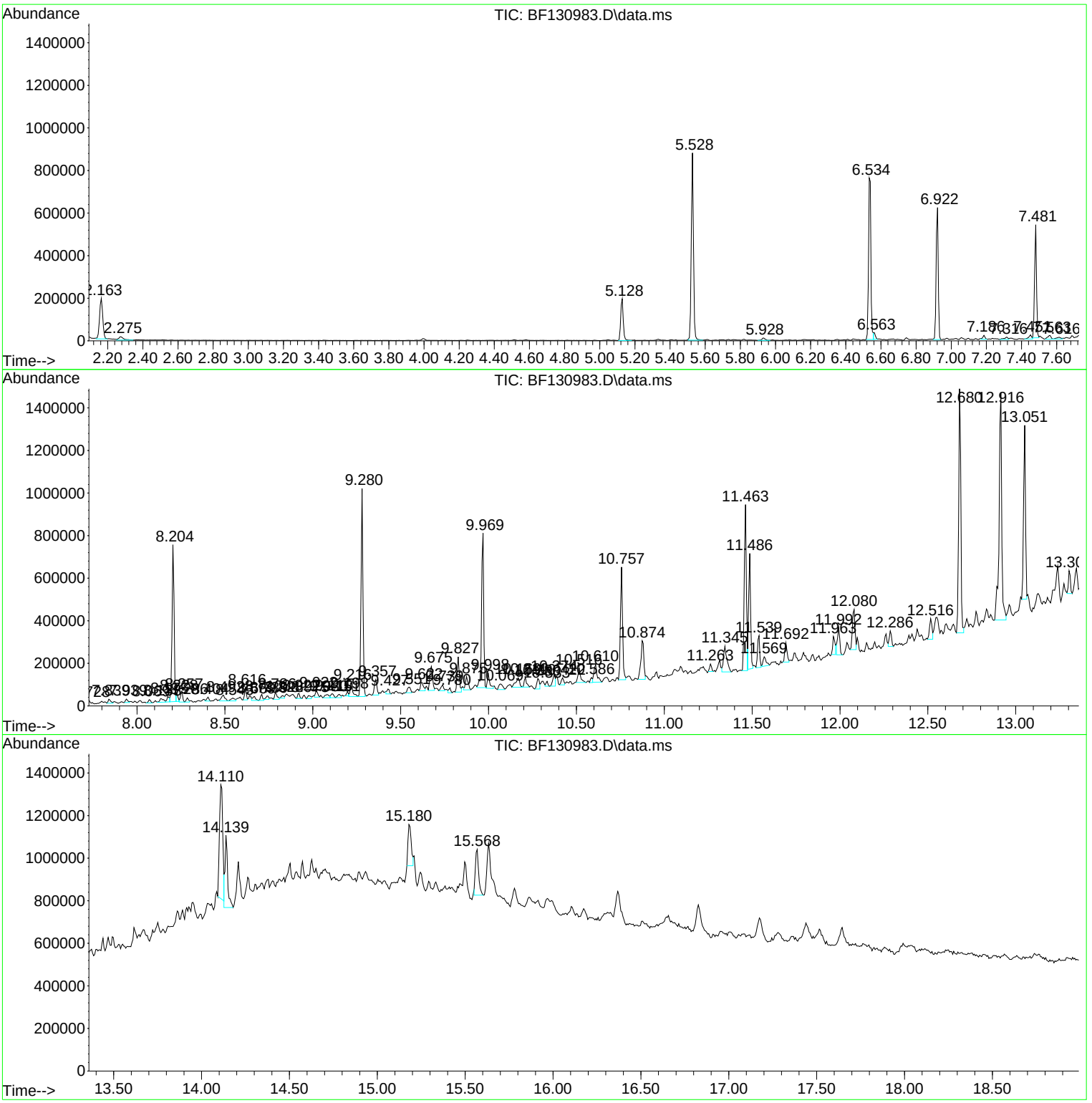
Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110322\
Data File : BF130983.D
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Misc :
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Instrument :
BNA_F
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CL-01-110222

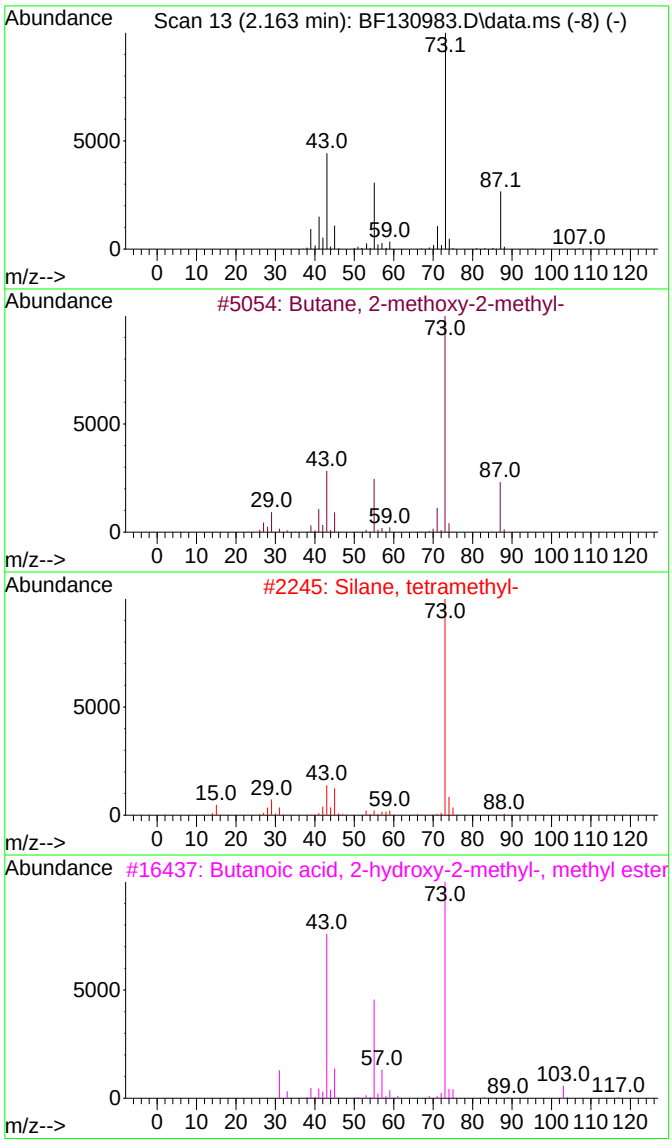
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

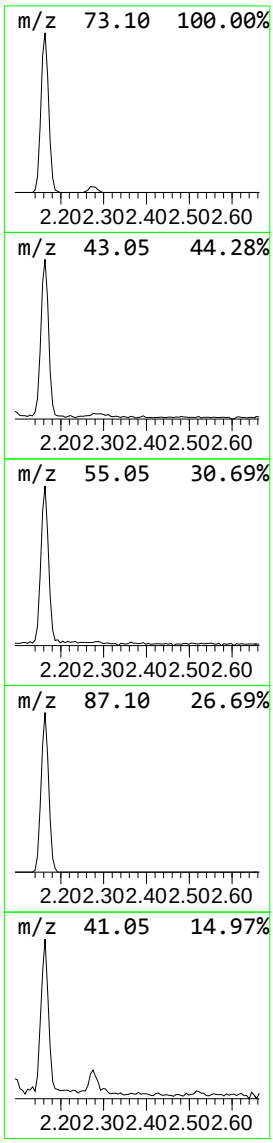
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	9.32 ng	238230	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

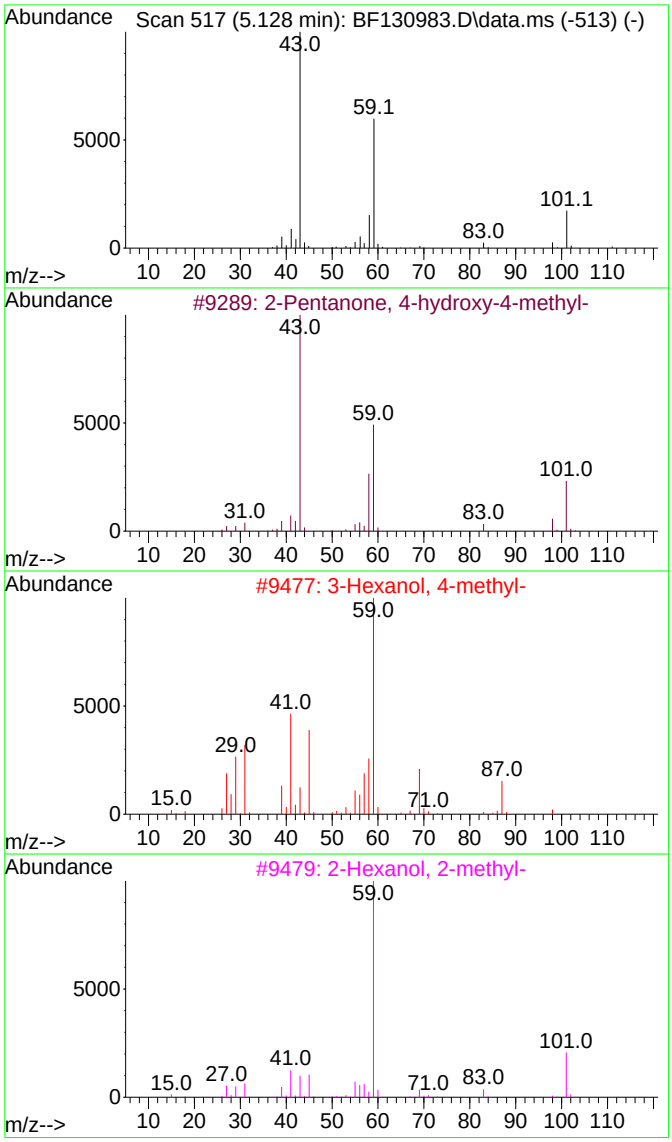
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

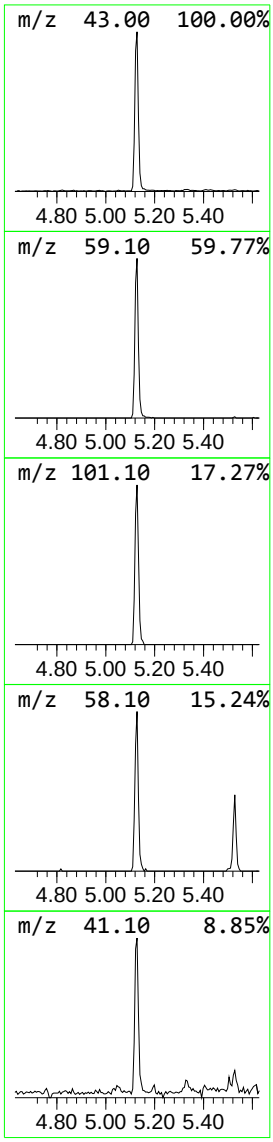
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	7.69 ng	196712	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

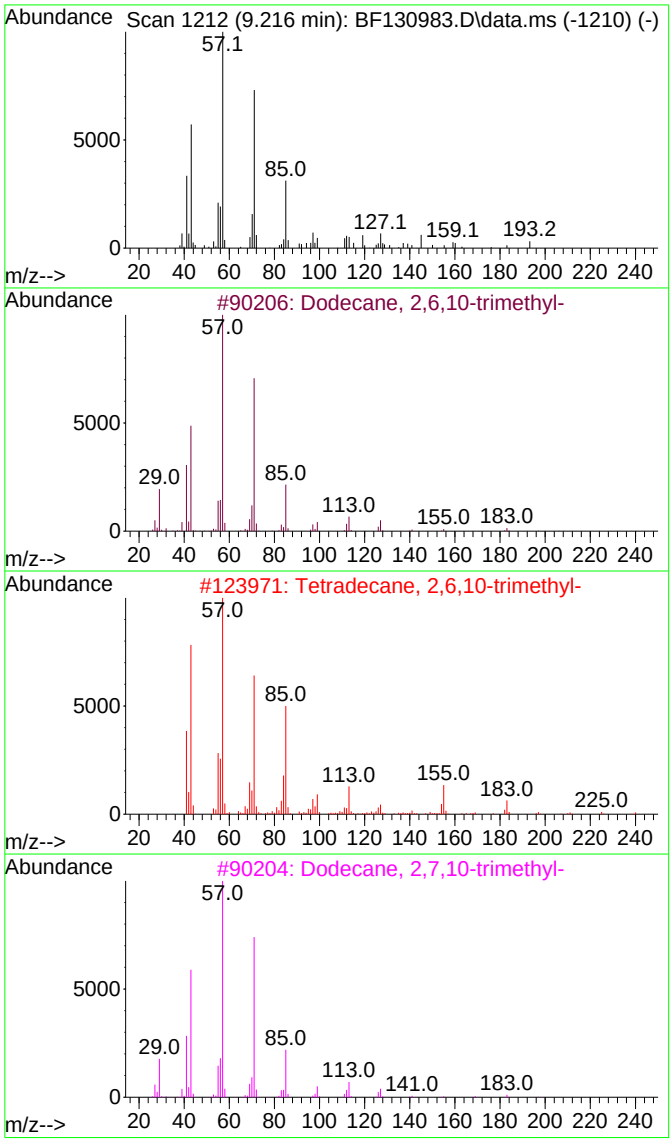
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

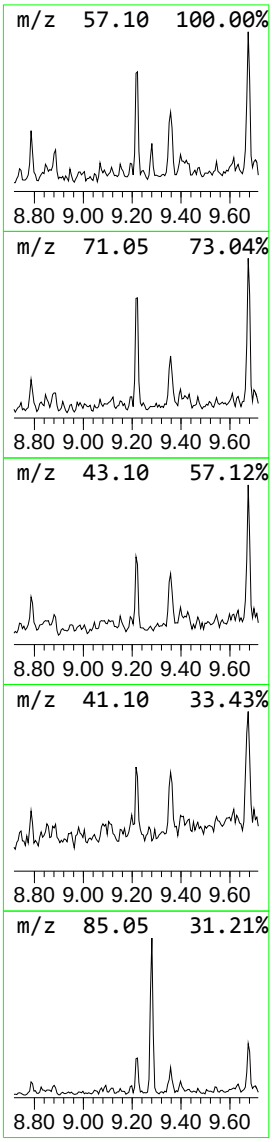
****

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	2.24 ng	69055	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	53
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	50





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ALS Vial : 20 Sample Multiplier: 1

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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

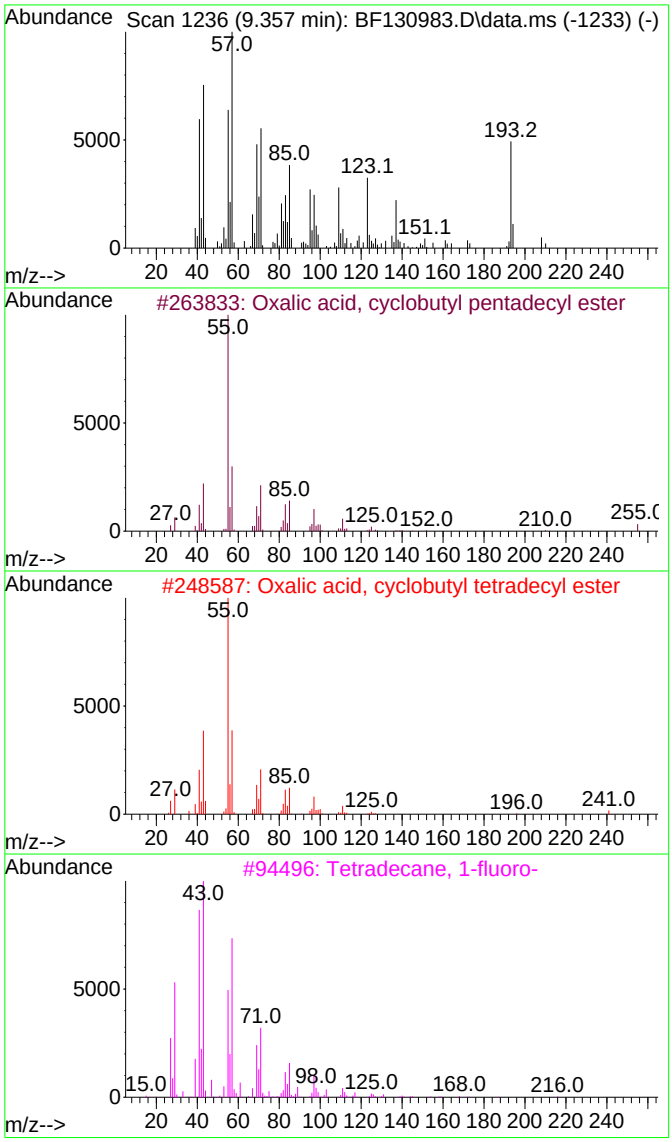
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

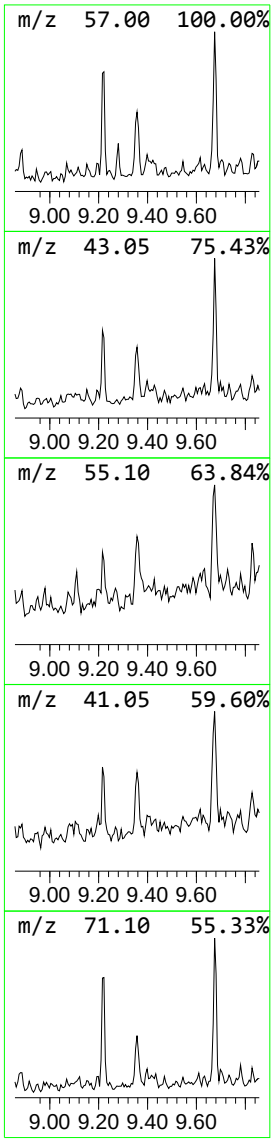
****

Peak Number 4 unknown9.357 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	2.42 ng	74510	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	35
2	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	30
3	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	27
4	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	25
5	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	25





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

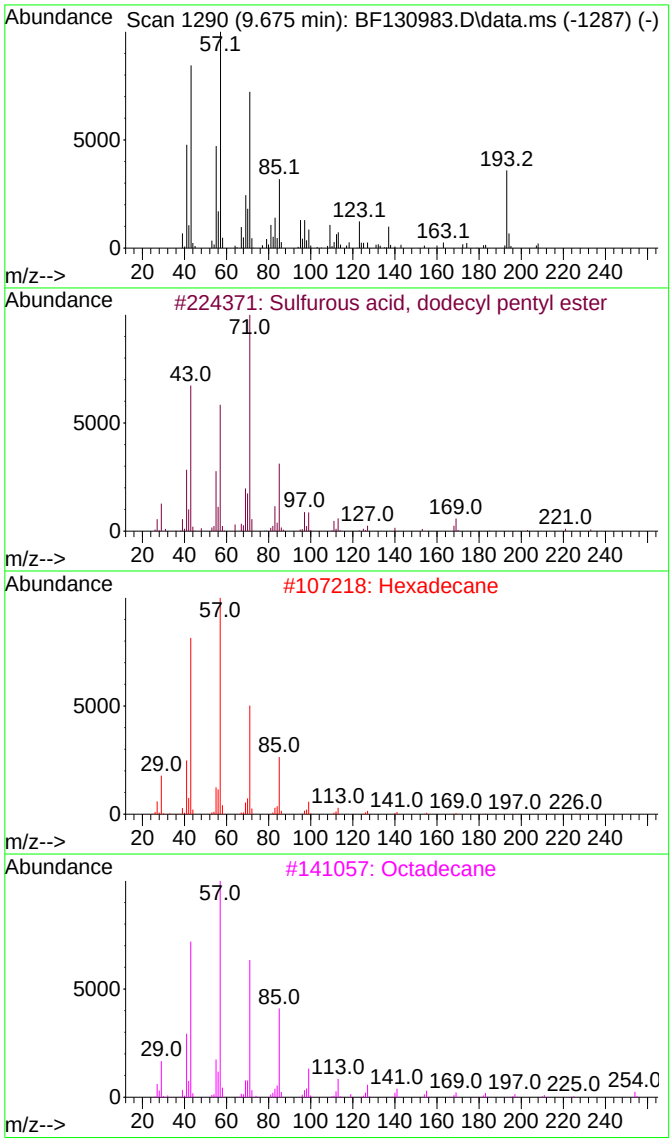
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

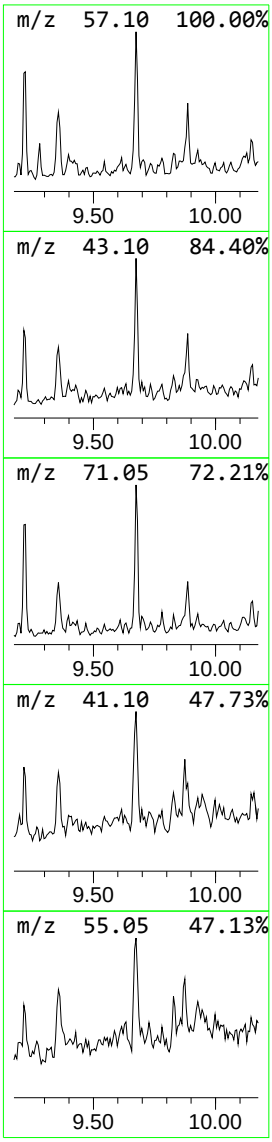
****

Peak Number 5 unknown9.675 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	4.06 ng	124923	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	43
2	Hexadecane	226	C16H34	000544-76-3	43
3	Octadecane	254	C18H38	000593-45-3	38
4	Decane, 5-propyl-	184	C13H28	017312-62-8	38
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38





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Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

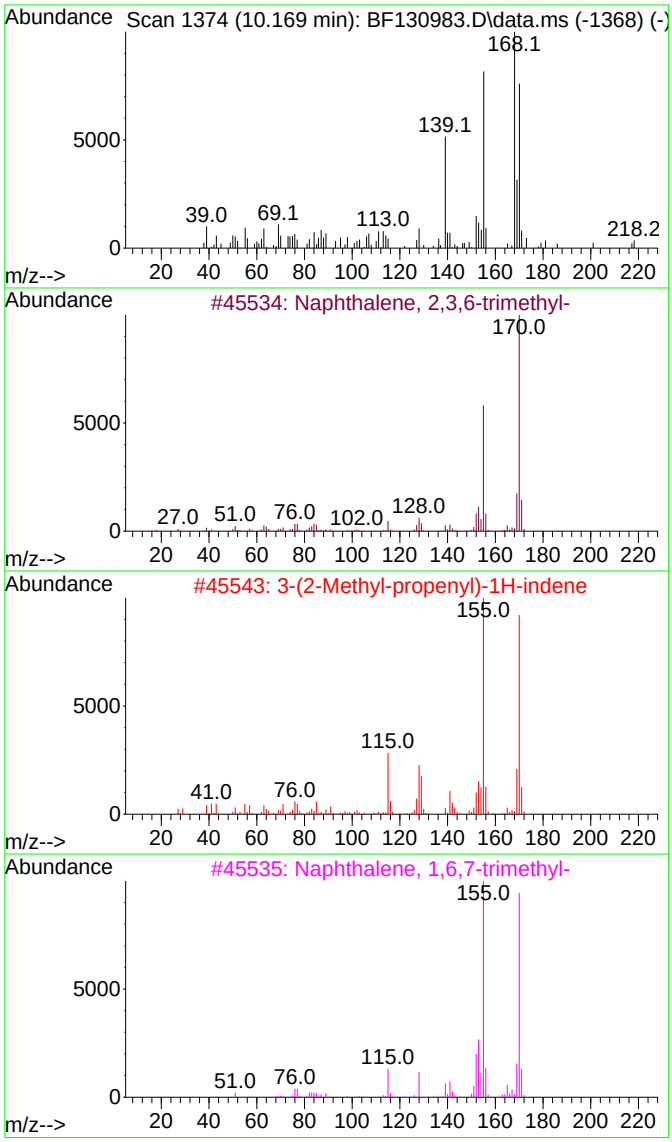
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

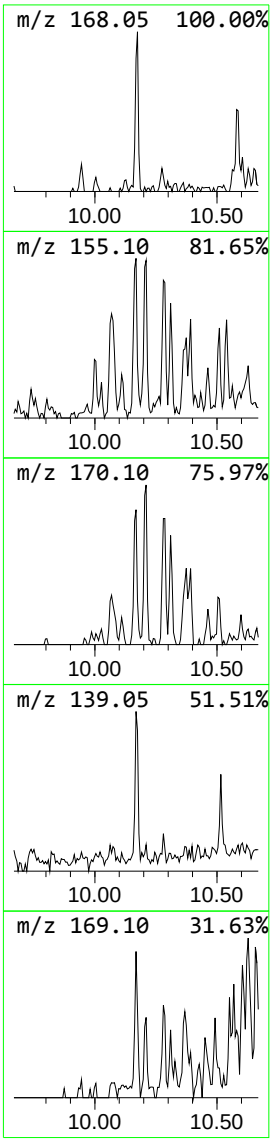
****

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	2.35 ng	72238	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
4	Metharbital	198	C9H14N2O3	000050-11-3	43
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

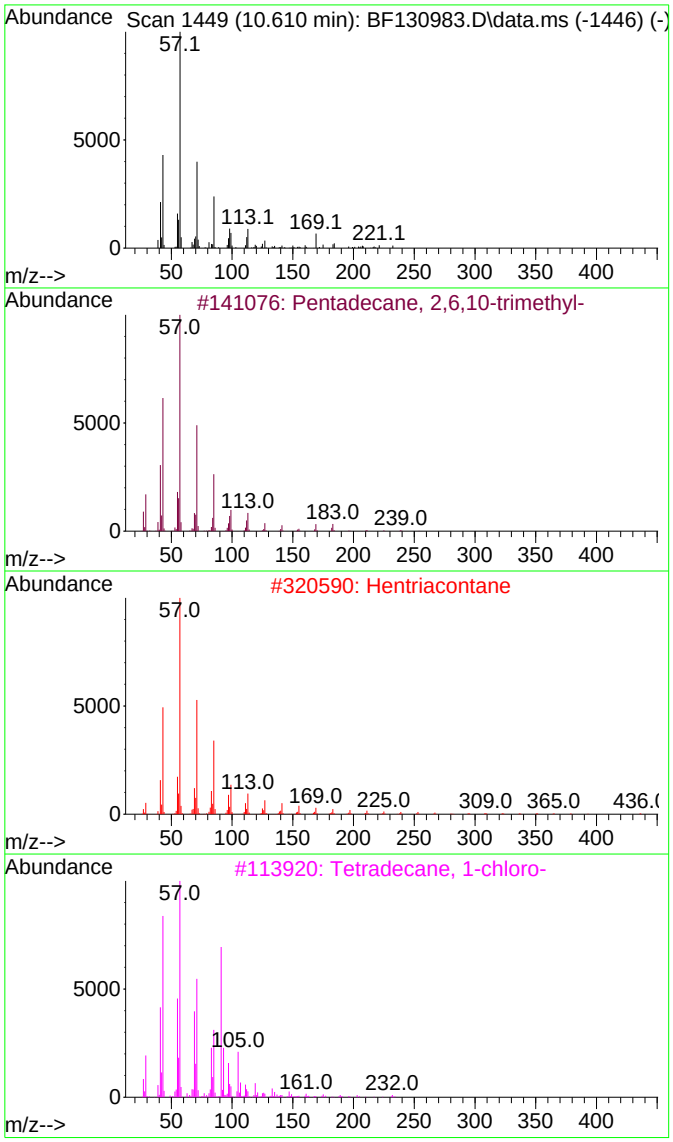
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

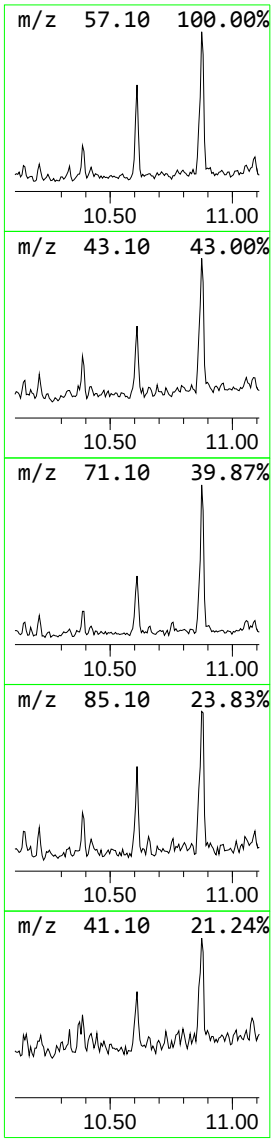
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	3.31 ng	101862	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Hentriacontane	437	C31H64	000630-04-6	72
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Tridecane	184	C13H28	000629-50-5	59





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Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

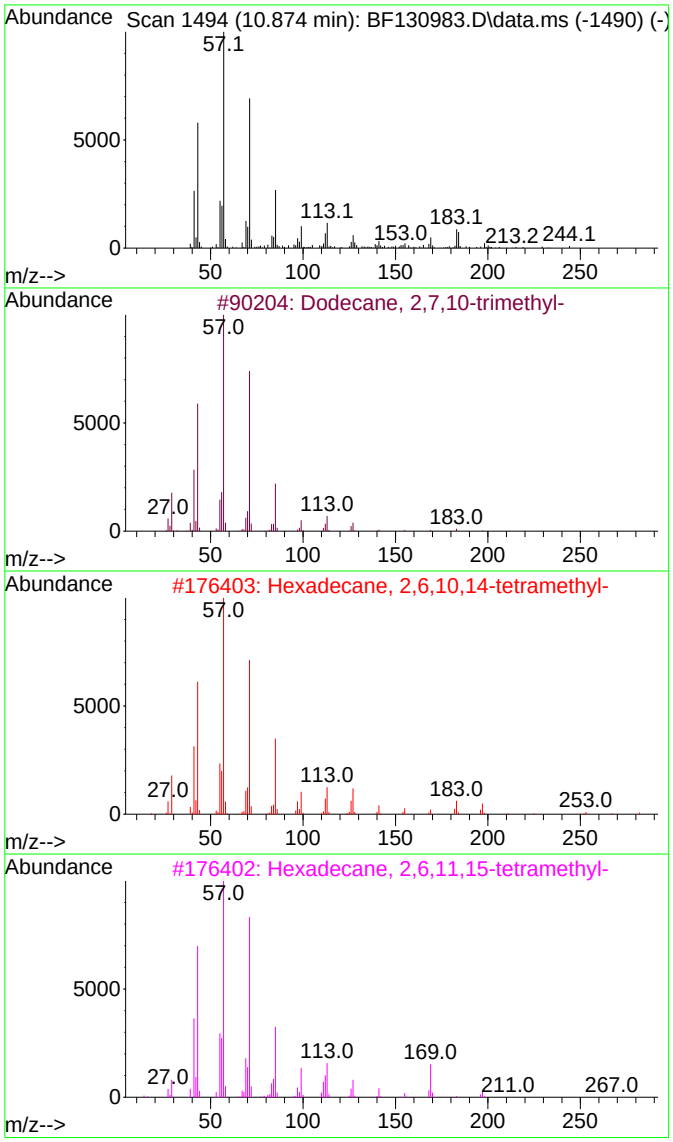
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

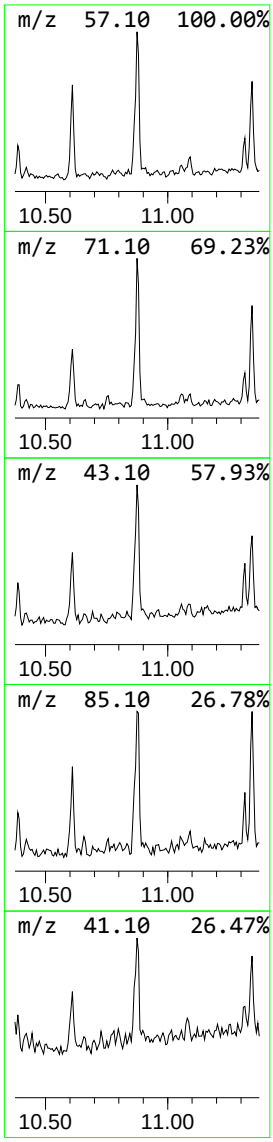
****

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.874	6.43 ng	214291	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





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Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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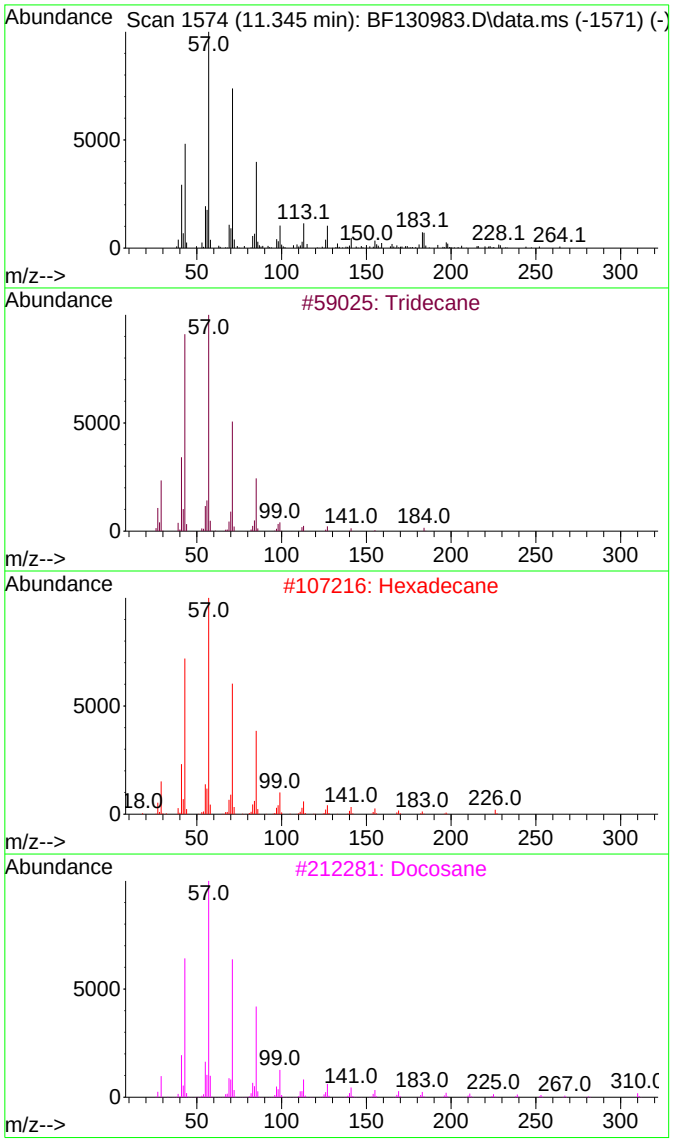
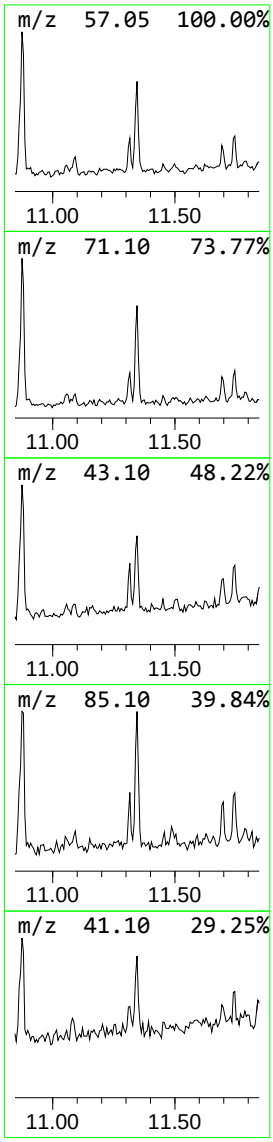
Peak Number 9 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	4.80 ng	160142	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Docosane	310	C22H46	000629-97-0	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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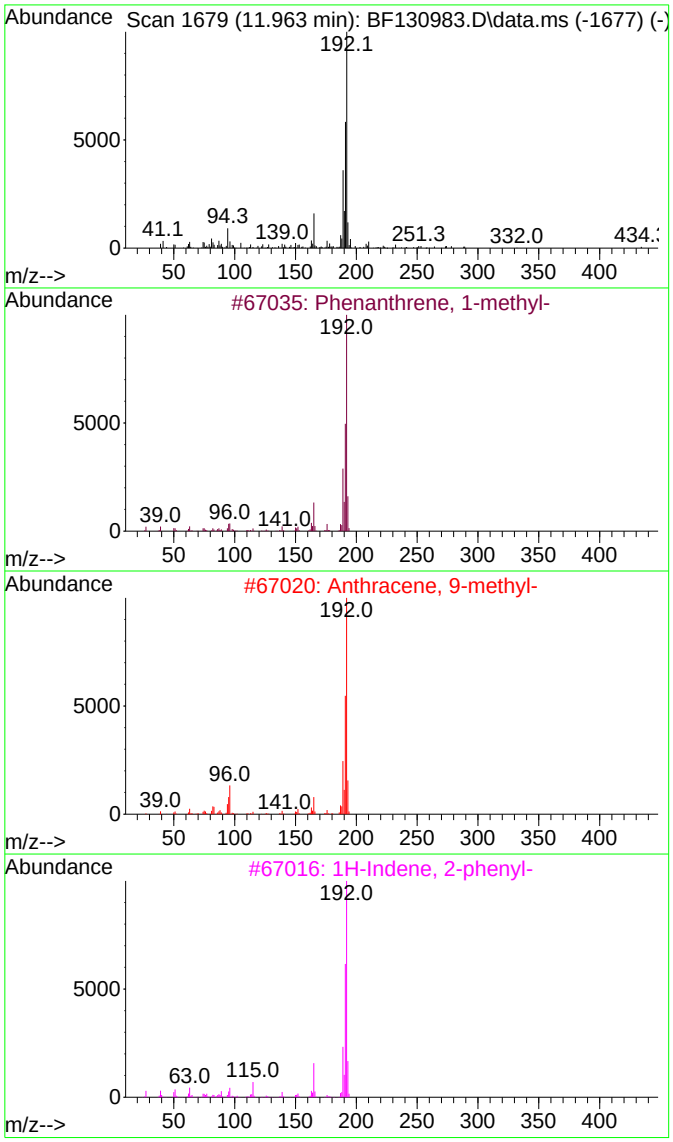
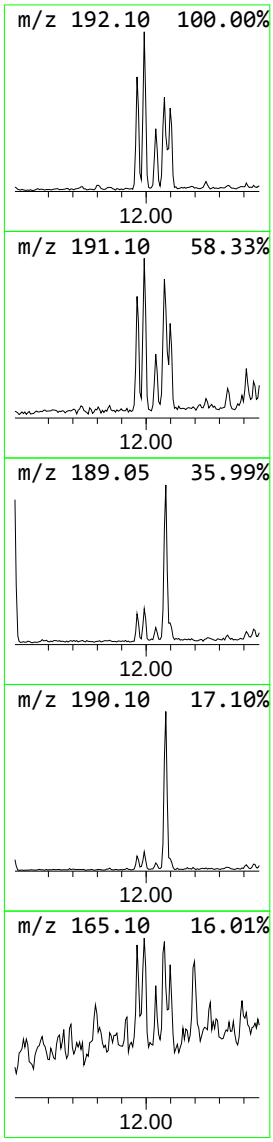
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	2.35 ng	78240	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

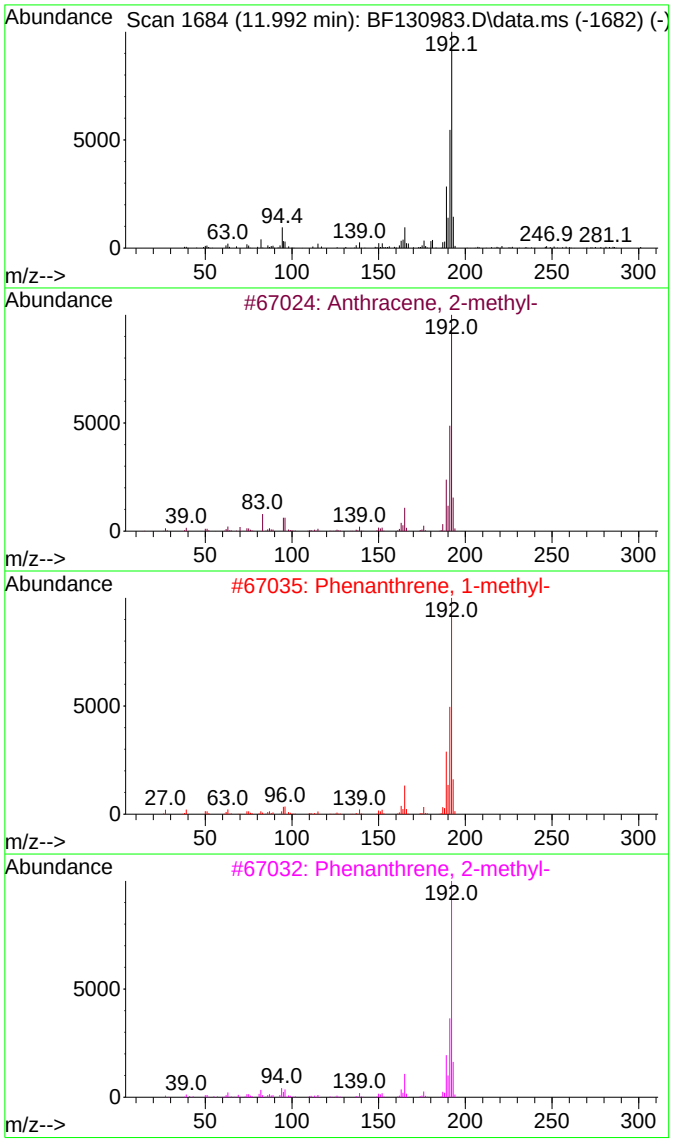
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

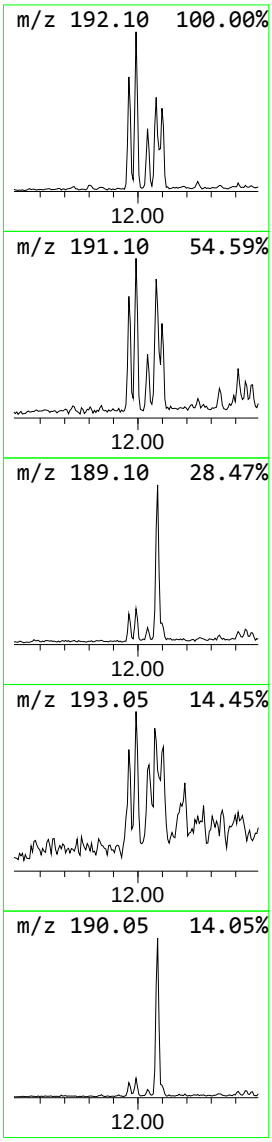
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.13 ng	104293	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

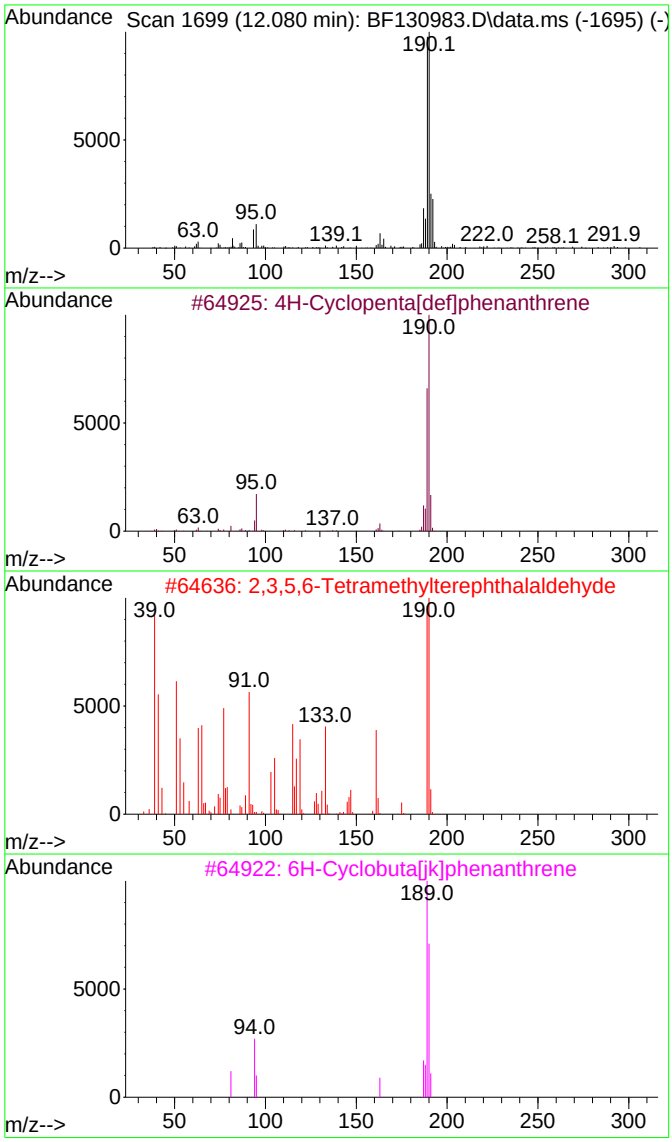
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

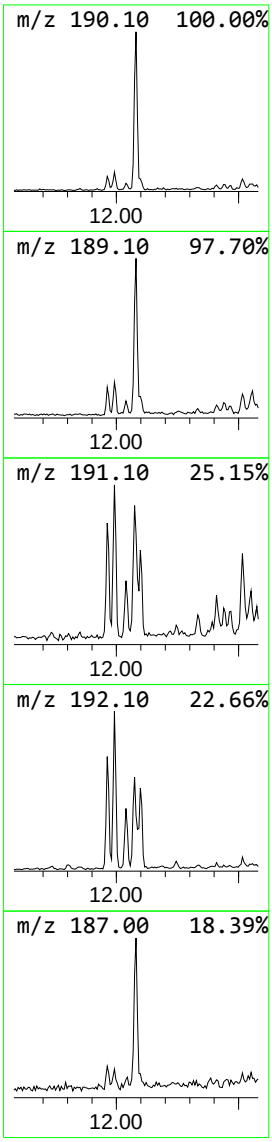
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	5.86 ng	195465	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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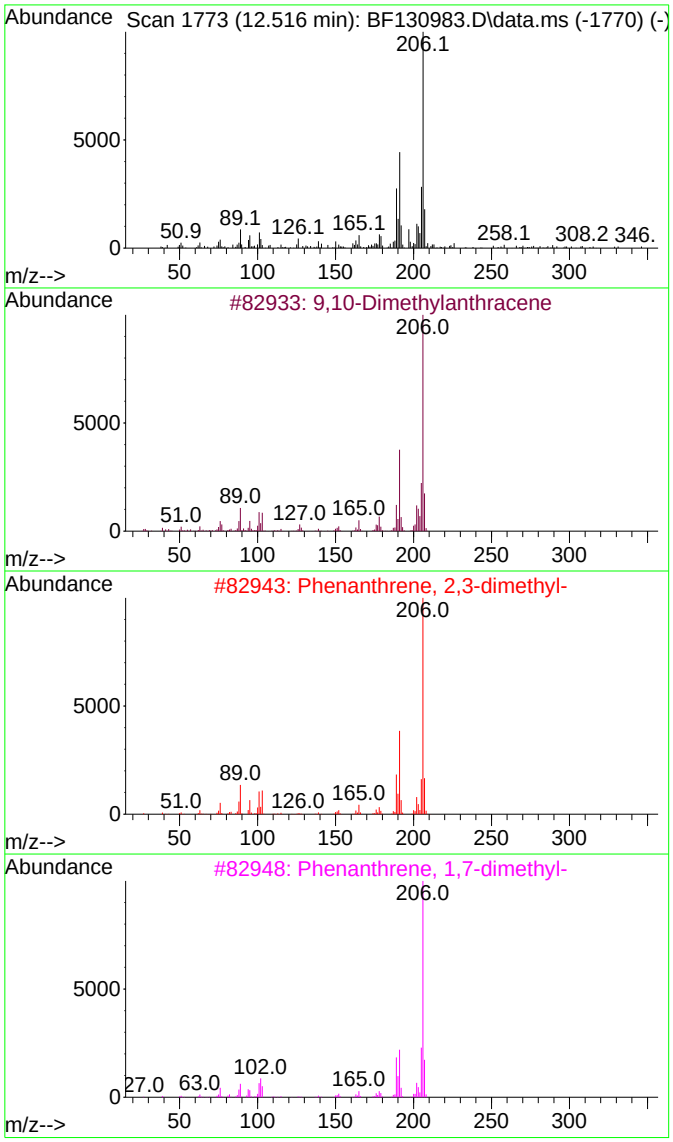
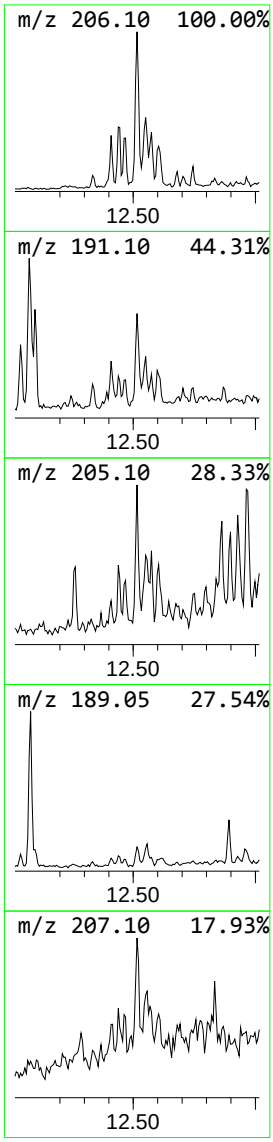
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	2.90 ng	96509	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81





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Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

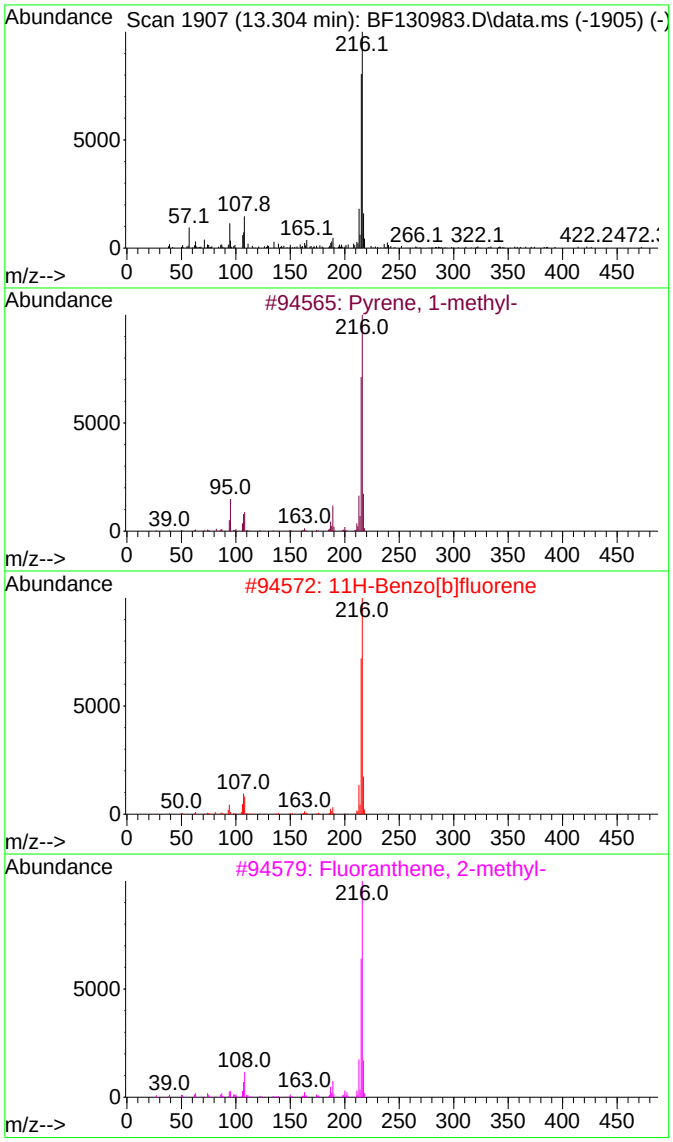
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

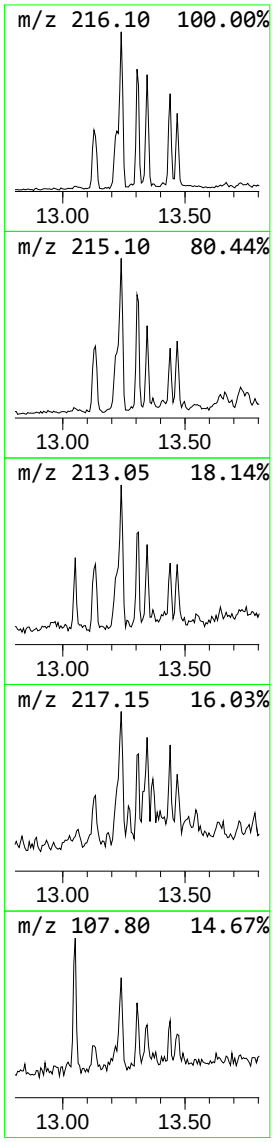
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	2.31 ng	81998	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130983.D
Acq On : 04 Nov 2022 03:41
Operator : CG\JU
Sample : N5433-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-110222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.163	9.3	ng	238230	1	6.922	511470	20.0
2-Pentanone, 4-...	5.128	7.7	ng	196712	1	6.922	511470	20.0
Dodecane, 2,6,1...	9.216	2.2	ng	69055	3	9.969	616074	20.0
unknown9.357	9.357	2.4	ng	74510	3	9.969	616074	20.0
unknown9.675	9.675	4.1	ng	124923	3	9.969	616074	20.0
Naphthalene, 2,...	10.169	2.4	ng	72238	3	9.969	616074	20.0
Pentadecane, 2,...	10.610	3.3	ng	101862	3	9.969	616074	20.0
Dodecane, 2,7,1...	10.874	6.4	ng	214291	4	11.463	666666	20.0
Tridecane	11.345	4.8	ng	160142	4	11.463	666666	20.0
Phenanthrene, 1...	11.963	2.4	ng	78240	4	11.463	666666	20.0
Anthracene, 2-m...	11.992	3.1	ng	104293	4	11.463	666666	20.0
4H-Cyclopenta[d...	12.080	5.9	ng	195465	4	11.463	666666	20.0
9,10-Dimethylan...	12.515	2.9	ng	96509	4	11.463	666666	20.0
Pyrene, 1-methyl-	13.304	2.3	ng	81998	5	14.115	710182	20.0