LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	11	16	25	rVB	230098	305826	7.82%	0.549%
2	4.022	324	329	334	rBV	86482	104907	2.68%	0.188%
3	5.157	518	522	527	rBV	289798	290592	7.43%	0.522%
4	5.540	583	587	588	rBV	172736	173560	4.44%	0.312%
5	5.563	588	591	594	rVB	1323710	1265336	32.34%	2.272%
6	5.804	628	632	638	rBV5	108883	173097	4.42%	0.311%
7	5.975	654	661	664	rVB3	137167	227416	5.81%	0.408%
8	6.010	664	667	672	rBV3	84531	139715	3.57%	0.251%
9	6.110	682	684	687	rVB2	138340	118860	3.04%	0.213%
10	6.193	693	698	705	rBV2	366969	529398	13.53%	0.951%
11	6.251	705	708	710	rVV	232387	204015	5.21%	0.366%
12	6.316	717	719	721	rVB	133643	99458	2.54%	0.179%
13	6.387	726	731	734	rBV3	221013	330070	8.44%	0.593%
14	6.445	738	741	744	rVB	307808	263903	6.75%	0.474%
15	6.487	744	748	750	rBV3	307528	457339	11.69%	0.821%
16	6.575	758	763	765	rBV	859461	765327	19.56%	1.374%
17	6.628	770	772	774	rVB2	135741	102902	2.63%	0.185%
18	6.692	778	783	784	rBV2	267999	305883	7.82%	0.549%
19	6.751	791	793	795	rVB	199826	164024	4.19%	0.295%
20	6.781	795	798	802	rBV3	400981	415190	10.61%	0.746%
21	6.834	805	807	810	rVB2	207929	159149	4.07%	0.286%
22	6.869	810	813	815	rBV2	115938	128636	3.29%	0.231%
23	6.916	818	821	822	rVV3	152358	177691	4.54%	0.319%
24	6.957	825	828	831	rVB2	1295332	1173616	30.00%	2.107%
25	7.010	831	837	839	rBV3	172277	253956	6.49%	0.456%
26	7.063	839	846	849	rVV4	231398	447486	11.44%	0.804%
27	7.098	849	852	856	rVV2	484022	513288	13.12%	0.922%
28	7.134	856	858	860	rVB2	159885	111996	2.86%	0.201%
29	7.175	863	865	868	rBV2	180404	170735	4.36%	0.307%
30	7.204	868	870	871	rVV2	201122	183987	4.70%	0.330%
31	7.222	871	873	876	rVV2	638988	621906	15.90%	1.117%
32	7.251	876	878	880	rVV	245605	192657	4.92%	0.346%
33	7.275	880	882	883	rVV	171868	152270	3.89%	0.273%
34	7.292	883	885	889	rVV2	206633	230571	5.89%	0.414%
35	7.351	889	895	898	rVV2	540747	622160	15.90%	1.117%
36	7.381	898	900	904	rVB5	235896	253722	6.49%	0.456%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.440	905	910	913	rBV4	138156	199848	5.11%	0.359%
38	7.487	913	918	921	rVV3	558855	729703	18.65%	1.310%
39	7.516	921	923	927	rVV2	694064	846787	21.65%	1.521%
40	7.545	927	928	932	rVB2	403564	307638	7.86%	0.552%
41	7.598	932	937	940	rBV4	389831	632615	16.17%	1.136%
42	7.657	940	947	949	rBV4	285597	493641	12.62%	0.886%
43	7.704	951	955	957	rVV3	89351	104671	2.68%	0.188%
44	7.728	957	959	962	rVV2	375554	320785	8.20%	0.576%
45	7.763	963	965	967	rVB2	174154	127832	3.27%	0.230%
46	7.839	974	978	979	rBV2	145197	156904	4.01%	0.282%
47	7.857	979	981	983	rVV	244712	190269	4.86%	0.342%
48	7.881	983	985	987	rVV3	266942	224224	5.73%	0.403%
49	7.910	987	990	994	rVB2	215561	276958	7.08%	0.497%
50	7.981	999	1002	1004	rBV2	158554	150794	3.85%	0.271%
51	8.057	1012	1015	1021	rVB4	155247	183090	4.68%	0.329%
52	8.110	1021	1024	1027	rVB2	134441	124130	3.17%	0.223%
53	8.216	1040	1042	1044	rBV	114386	104438	2.67%	0.188%
54	8.245	1044	1047	1049	rVV	967631	741774	18.96%	1.332%
55	8.269	1049	1051	1053	rVV	146045	122117	3.12%	0.219%
56	8.292	1053	1055	1058	rVB	318688	264971	6.77%	0.476%
57	8.328	1058	1061	1067	rBV4	95916	132381	3.38%	0.238%
58	8.534	1092	1096	1100	rVB4	137728	190169	4.86%	0.341%
59	8.657	1114	1117	1119	rBV	244107	174130	4.45%	0.313%
60	9.128	1192	1197	1198	rBV4	67606	96351	2.46%	0.173%
61	9.239	1213	1216	1218	rBV	118605	103926	2.66%	0.187%
62	9.263	1218	1220	1226	rVB	299680	246502	6.30%	0.443%
63	9.322	1226	1230	1235	rBV	1024192	841333	21.51%	1.511%
64	9.404	1240	1244	1246	rBV2	266186	319979	8.18%	0.575%
65	9.592	1274	1276	1279	rBV3	89197	110339	2.82%	0.198%
66	9.639	1281	1284	1285	rBV2	104615	98069	2.51%	0.176%
67	9.657	1285	1287	1290	rVV3	178294	198253	5.07%	0.356%
68	9.716	1294	1297	1301	rBV3	1247098	1350388	34.52%	2.425%
69	9.745	1301	1302	1305	rVB2	135339	102353	2.62%	0.184%
70	9.775	1305	1307	1310	rBV3	256086	250749	6.41%	0.450%
71	9.810	1310	1313	1314	rBV2	95039	101710	2.60%	0.183%
72	9.875	1321	1324	1327	rBV3	726791	741320	18.95%	1.331%
73	9.898	1327	1328	1329	rVV	194132	125509	3.21%	0.225%
74	9.922	1329	1332	1335	rVB	1250003	1045708	26.73%	1.878%
75	9.963	1335	1339	1340	rBV2	279469	353759	9.04%	0.635%
76	9.992	1342	1344	1346	rVV2	528231	593184	15.16%	1.065%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.010	1346	1347	1350	rVB	555015	438911	11.22%	0.788%
78	10.045	1350	1353	1357	rBV5	379116	527193	13.48%	0.947%
79	10.116	1363	1365	1369	rBV4	232173	320577	8.19%	0.576%
80	10.169	1369	1374	1377	rBV4	359836	650399	16.63%	1.168%
81	10.263	1388	1390	1394	rBV3	439308	591477	15.12%	1.062%
82	10.333	1399	1402	1404	rBV3	640198	664659	16.99%	1.194%
83	10.386	1408	1411	1414	rVB2	504697	476764	12.19%	0.856%
84	10.428	1414	1418	1422	rBV4	1501114	1720272	43.97%	3.089%
85	10.481	1422	1427	1429	rBV4	899953	1536593	39.28%	2.759%
86	10.563	1439	1441	1444	rBV3	612045	720506	18.42%	1.294%
87	10.675	1455	1460	1465	rBV	1706529	2730933	69.81%	4.904%
88	10.763	1473	1475	1478	rBV3	1174676	1545294	39.50%	2.775%
89	10.945	1502	1506	1512	rVB2	2889280	3912094	100.00%	7.025%
90	11.269	1558	1561	1565	rBV2	1626579	2611201	66.75%	4.689%
91	11.427	1585	1588	1592	rVB	2048790	2634811	67.35%	4.731%
92	17.021	2534	2539	2546	rVB	1485798	3306934	84.53%	5.938%
93	17.133	2556	2558	2563	rVB3	417578	631849	16.15%	1.135%
94	17.274	2580	2582	2587	rVB2	565739	668537	17.09%	1.201%
95	17.321	2587	2590	2594	rBV4	315551	494124	12.63%	0.887%
96	17.468	2613	2615	2620	rBV3	280867	349915	8.94%	0.628%
97	17.557	2628	2630	2634	rBV3	312152	385471	9.85%	0.692%
98	17.621	2640	2641	2643	rBV2	461148	404951	10.35%	0.727%
99	17.721	2653	2658	2674	rBV6	665698	2649644	67.73%	4.758%
100	18.727	2827	2829	2835	rBV4	217082	405082	10.35%	0.727%

Sum of corrected areas: 55688136

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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Acq On : 29 Nov 2022 00:45
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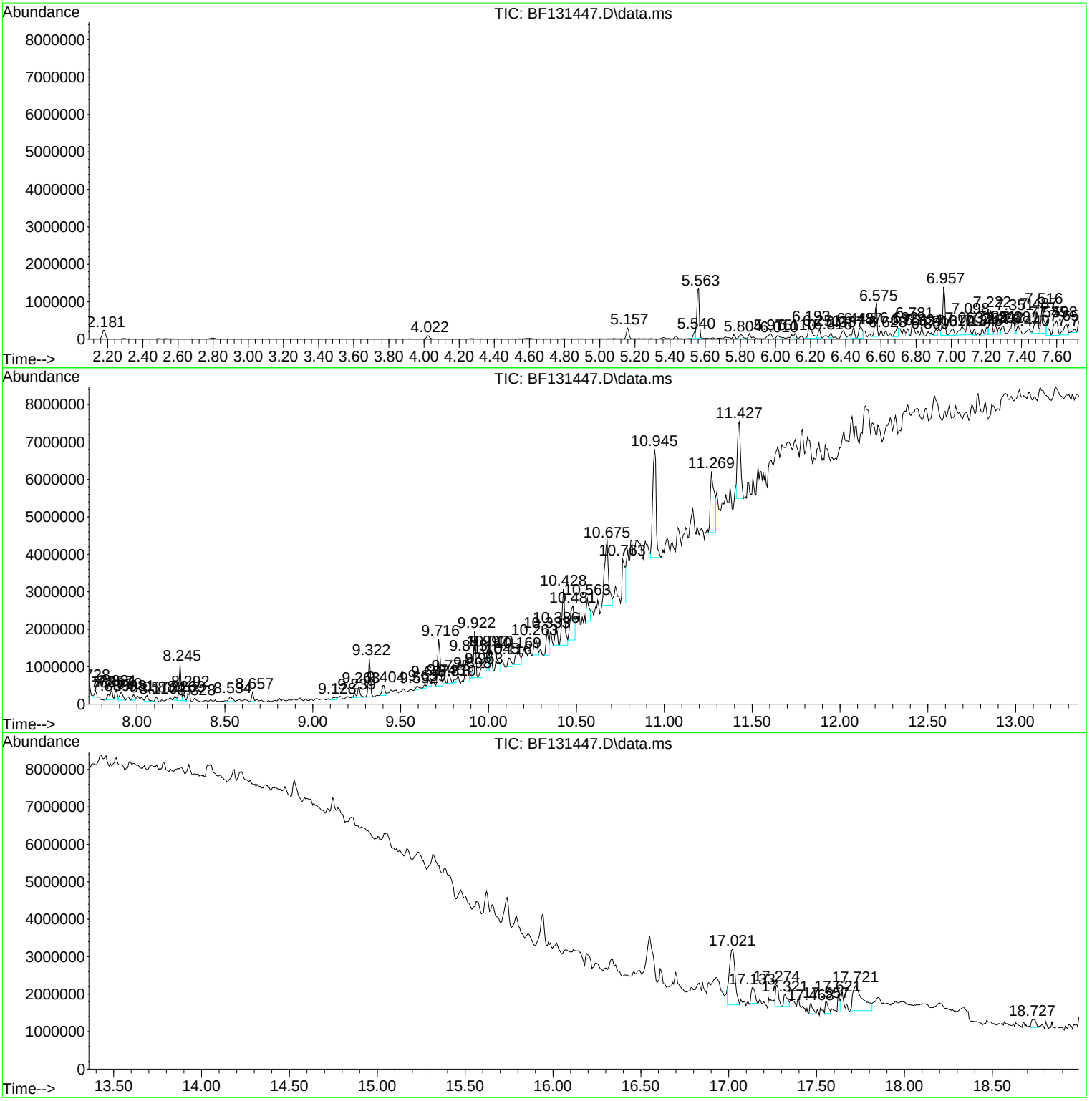
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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\BF112822\
Data File : BF131447.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

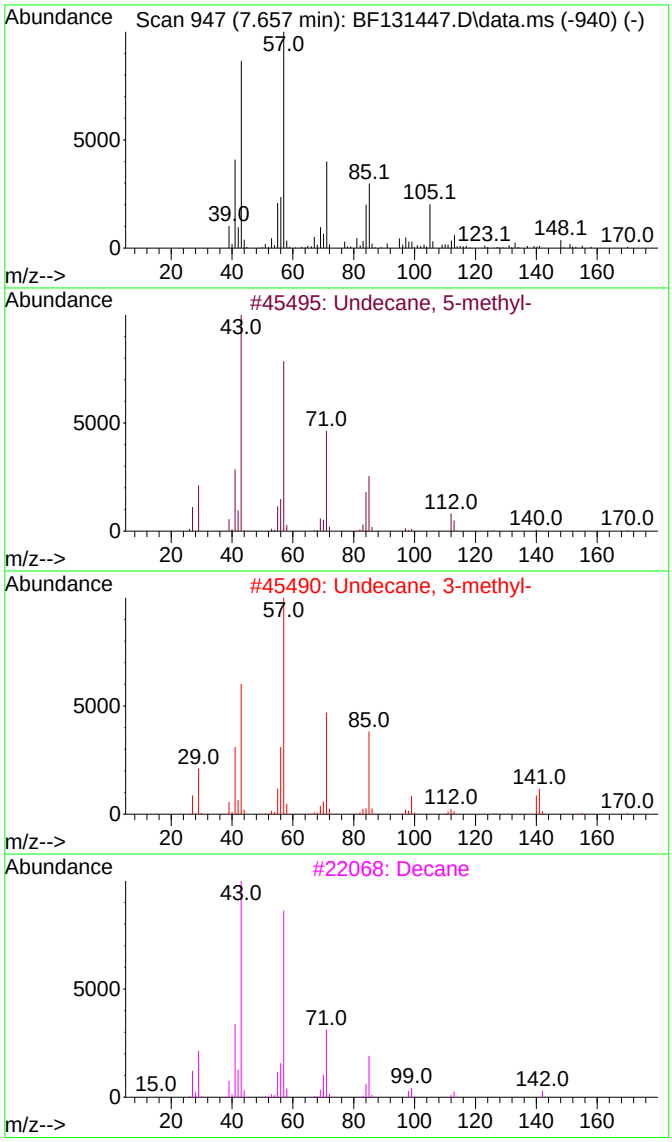
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

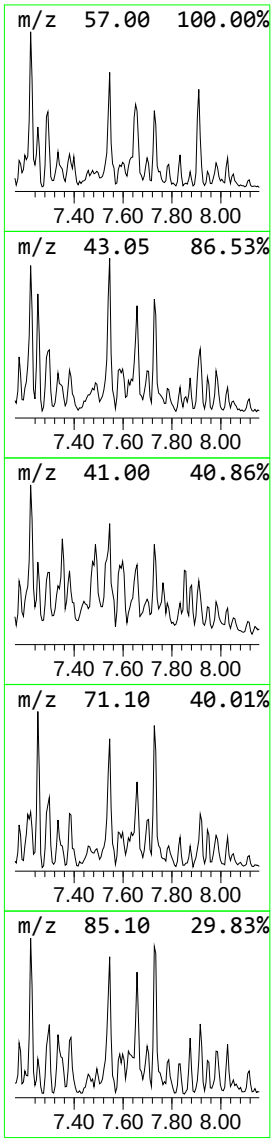
****

Peak Number 1 Undecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.657	13.31 ng	493641	Naphthalene-d8	8.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	52
3	Decane	142	C10H22	000124-18-5	50
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
5	Octadecane	254	C18H38	000593-45-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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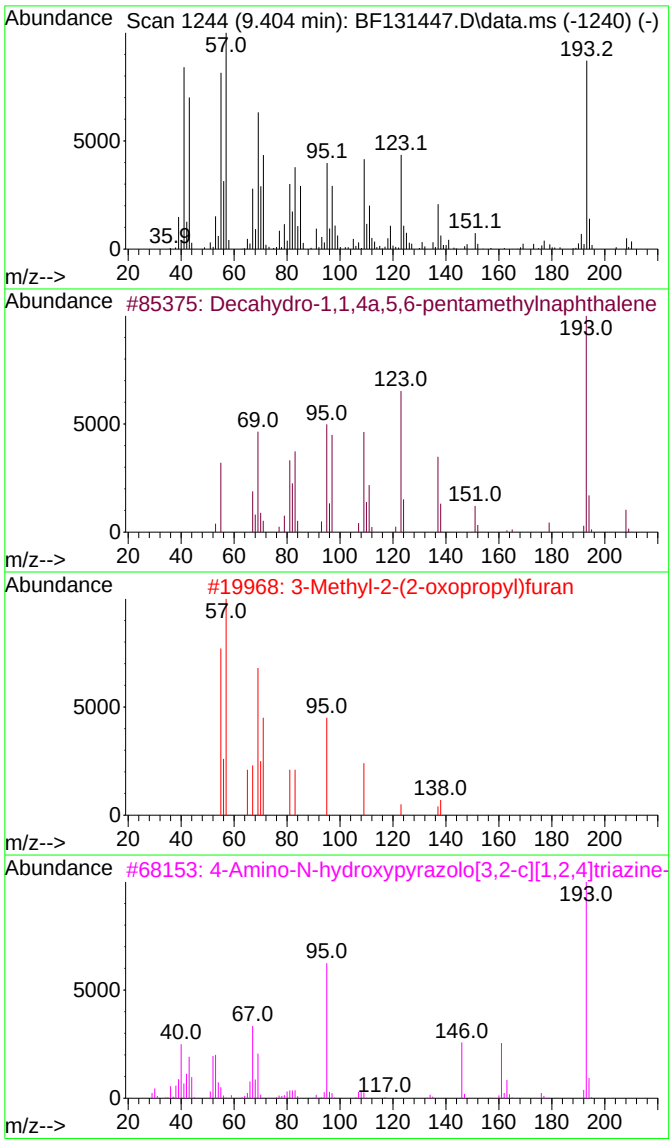
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

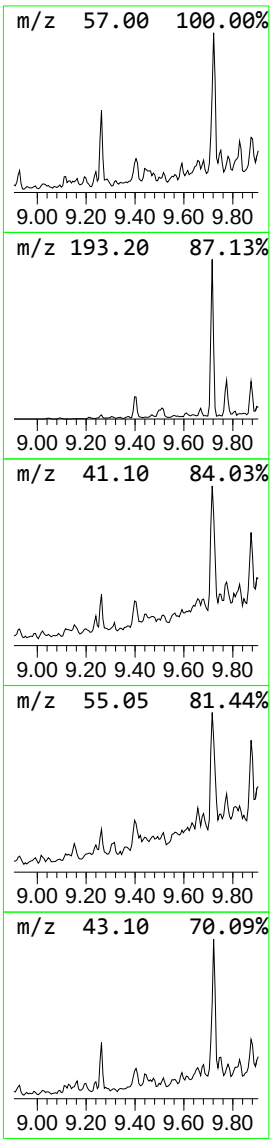
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	14.58 ng	319979	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	55
2	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	35
3	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	25
4	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	25
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

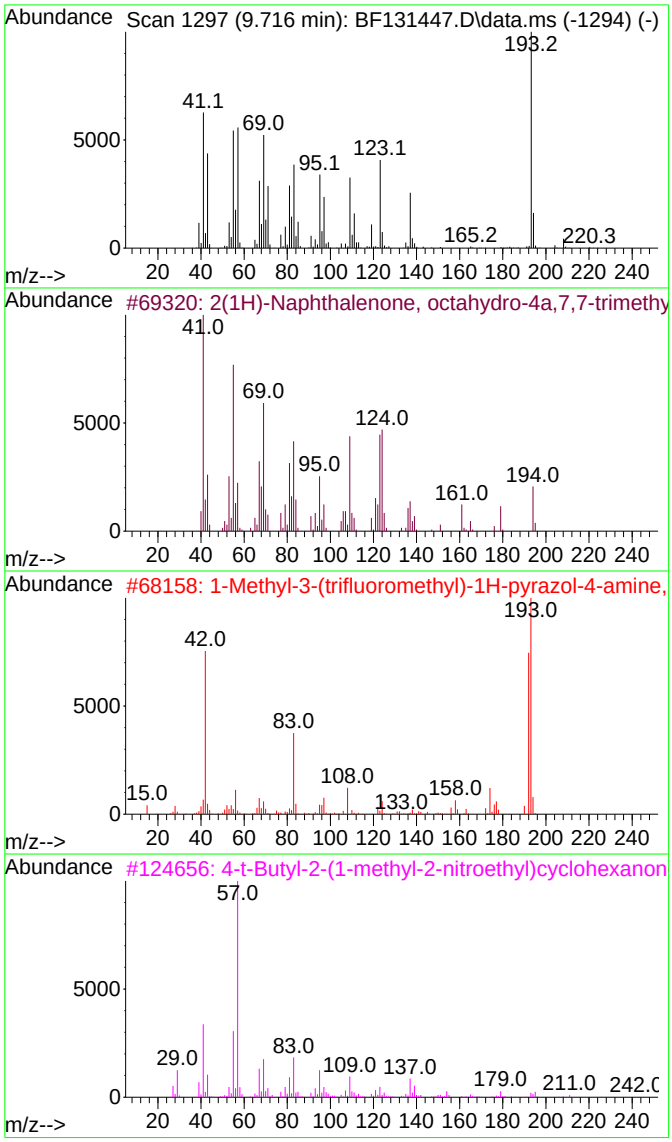
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

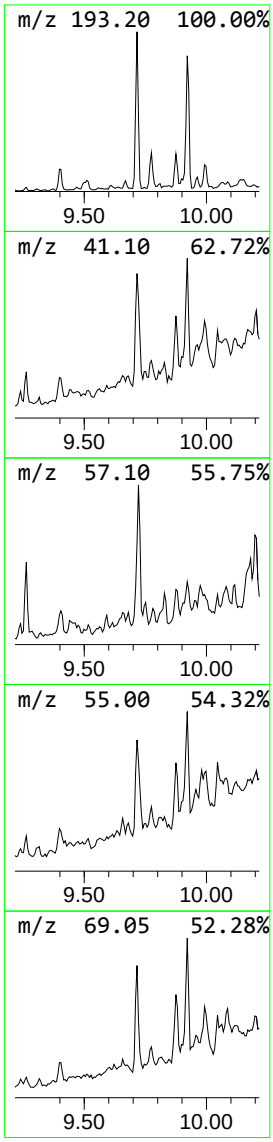
****

Peak Number 3 unknown9.716 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	61.53 ng	1350390	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	38
2	1-Methyl-3-(trifluoromethyl)-1H-...	193	C7H10F3N3	1000511-73-1	38
3	4-t-Butyl-2-(1-methyl-2-nitroeth...	241	C13H23NO3	1000192-74-8	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	30
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27





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Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

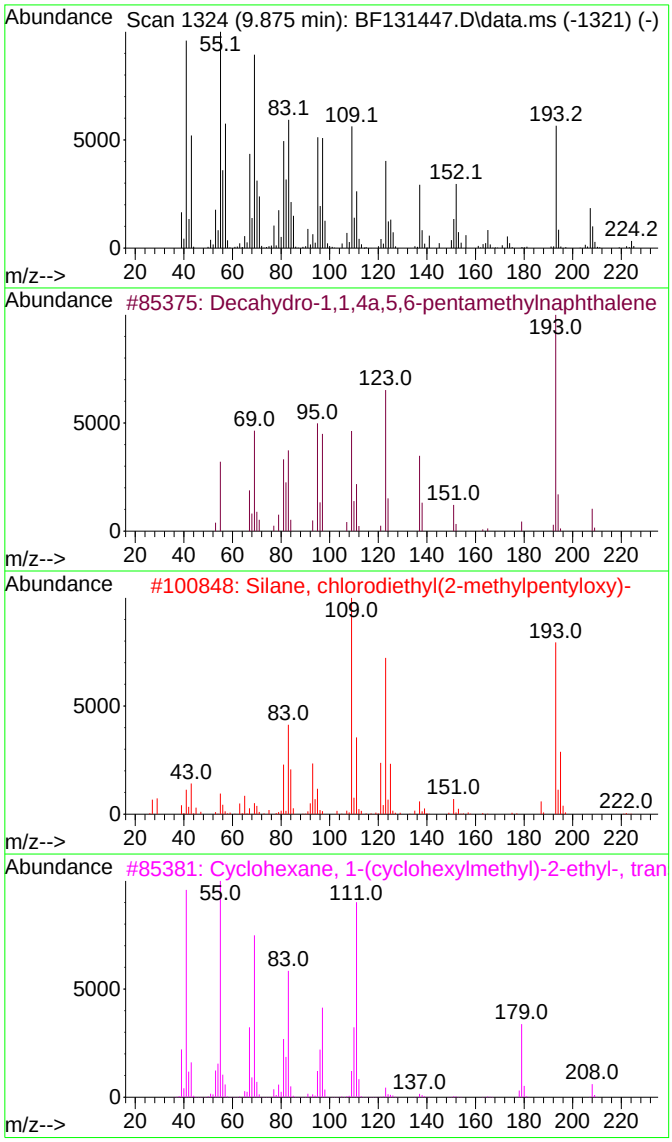
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

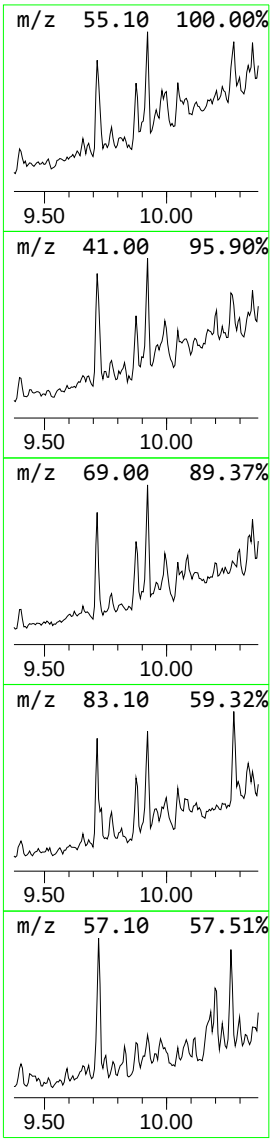
****

Peak Number 4 unknown9.875 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.875	33.78 ng	741320	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	78
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	42
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	38
4	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	30
5	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1010195-30-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

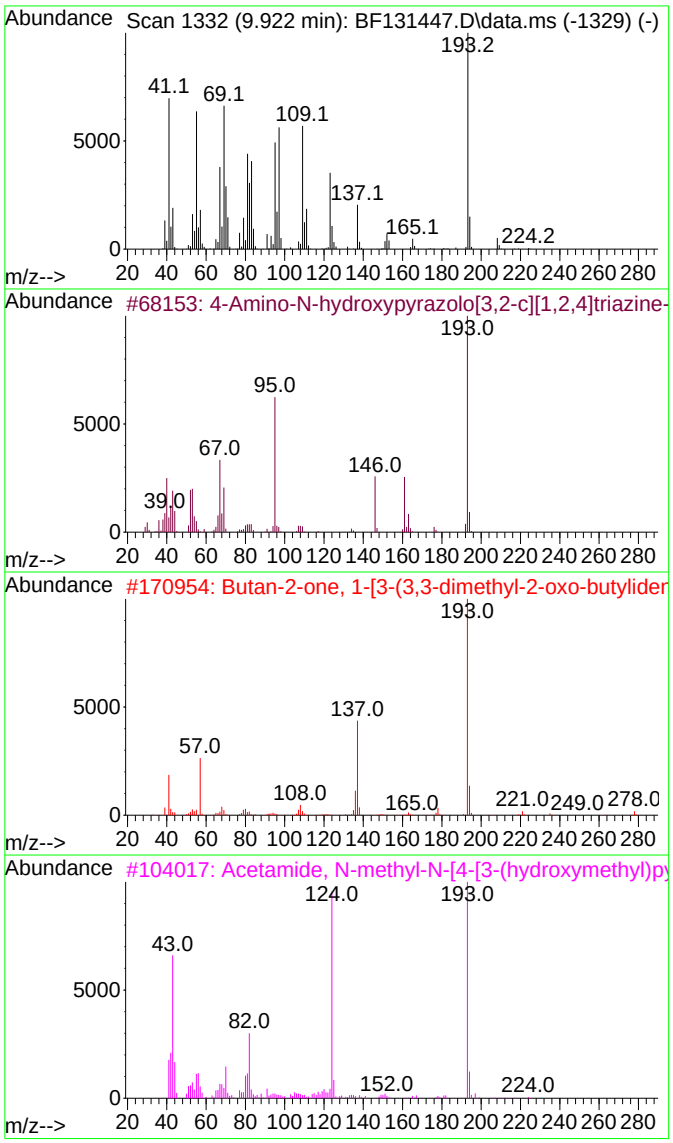
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

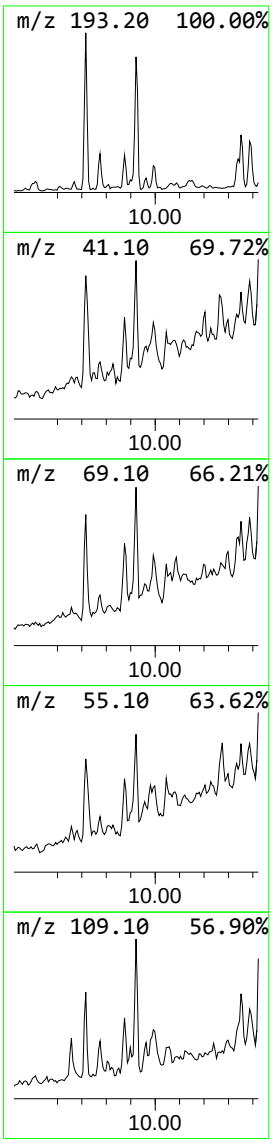
****

Peak Number 5 unknown9.922 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	47.65 ng	1045710	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	30
2	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	22
3	Acetamide, N-methyl-N-[4-[3-(hyd...	224	C12H20N2O2	130403-63-3	18
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	18
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18





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Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

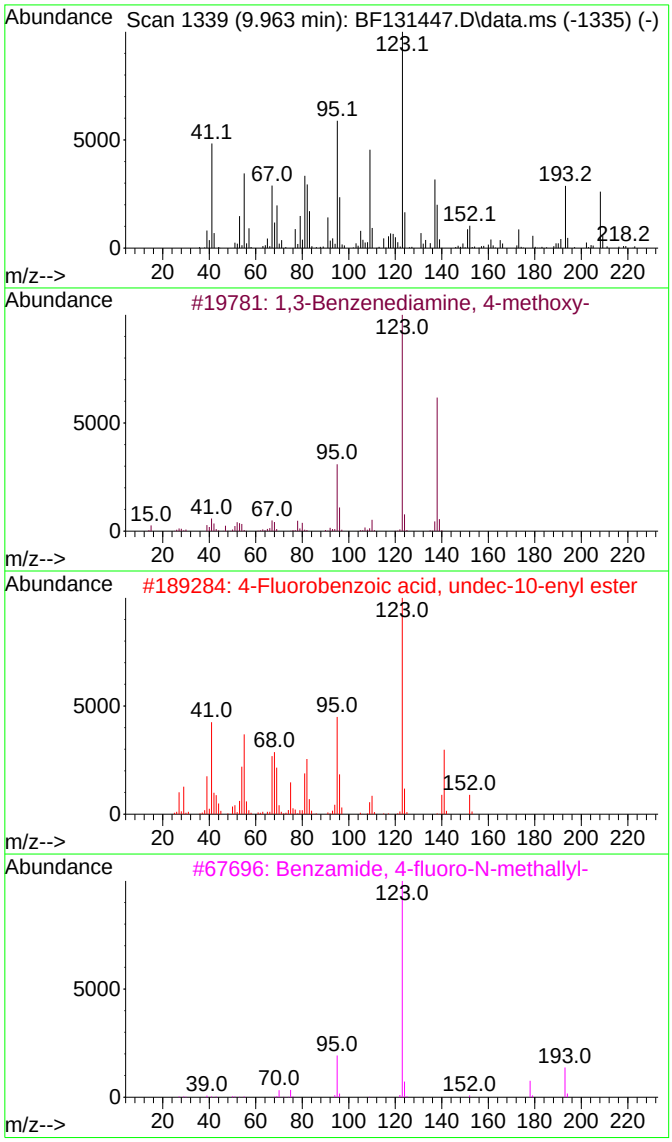
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

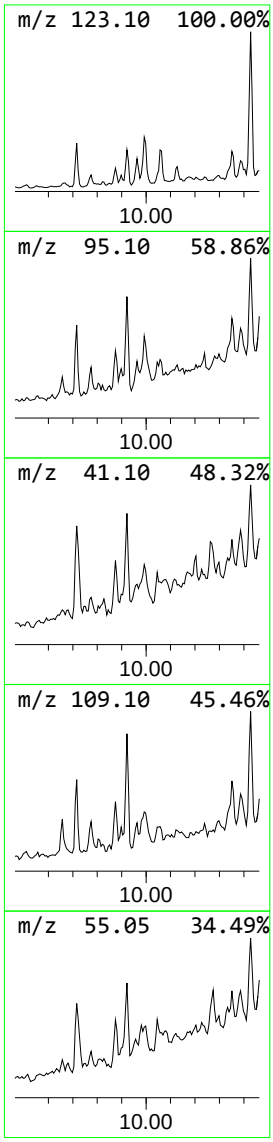
****

Peak Number 6 unknown9.963 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	16.12 ng	353759	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
2	4-Fluorobenzoic acid, undec-10-e...	292	C18H25FO2	1000279-02-8	43
3	Benzamide, 4-fluoro-N-methallyl-	193	C11H12FNO	1000340-31-9	43
4	4-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1010279-06-0	35
5	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	30





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Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

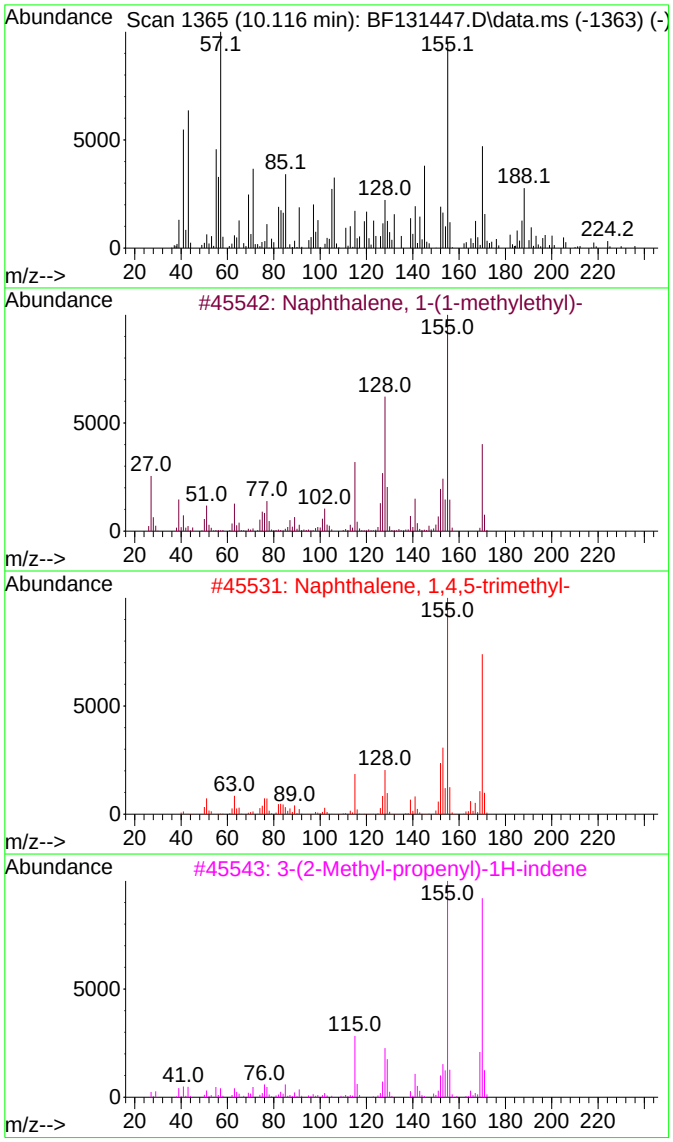
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

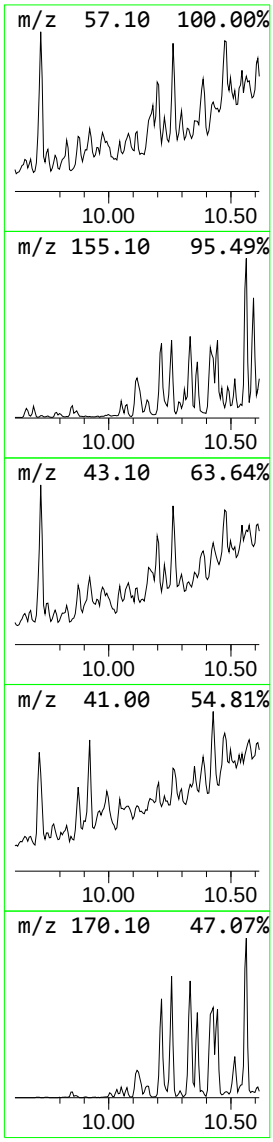
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1-(1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	14.61 ng	320577	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	90
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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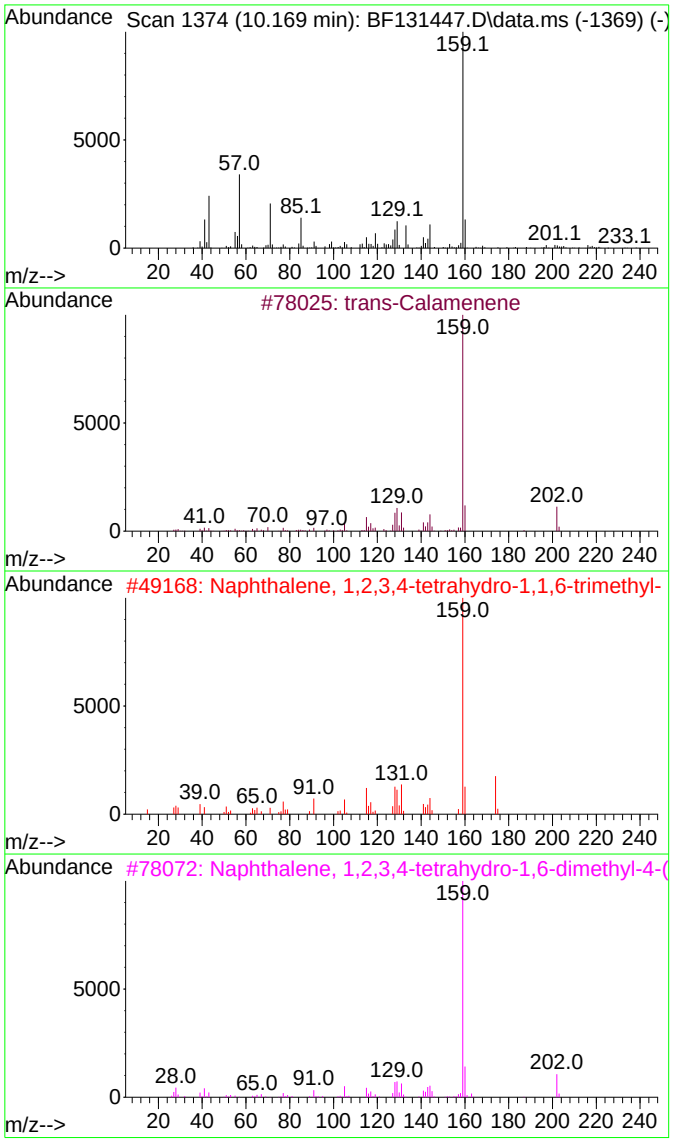
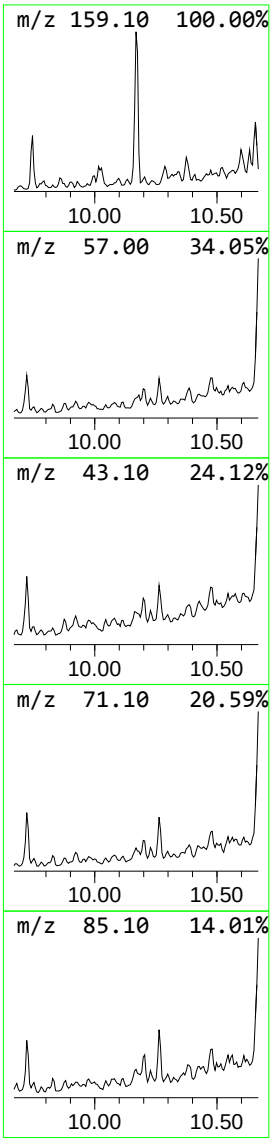
Peak Number 8 trans-Calamenene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	29.64 ng	650399	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Calamenene	202	C15H22	073209-42-4	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	53
4	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	52
5	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	52





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Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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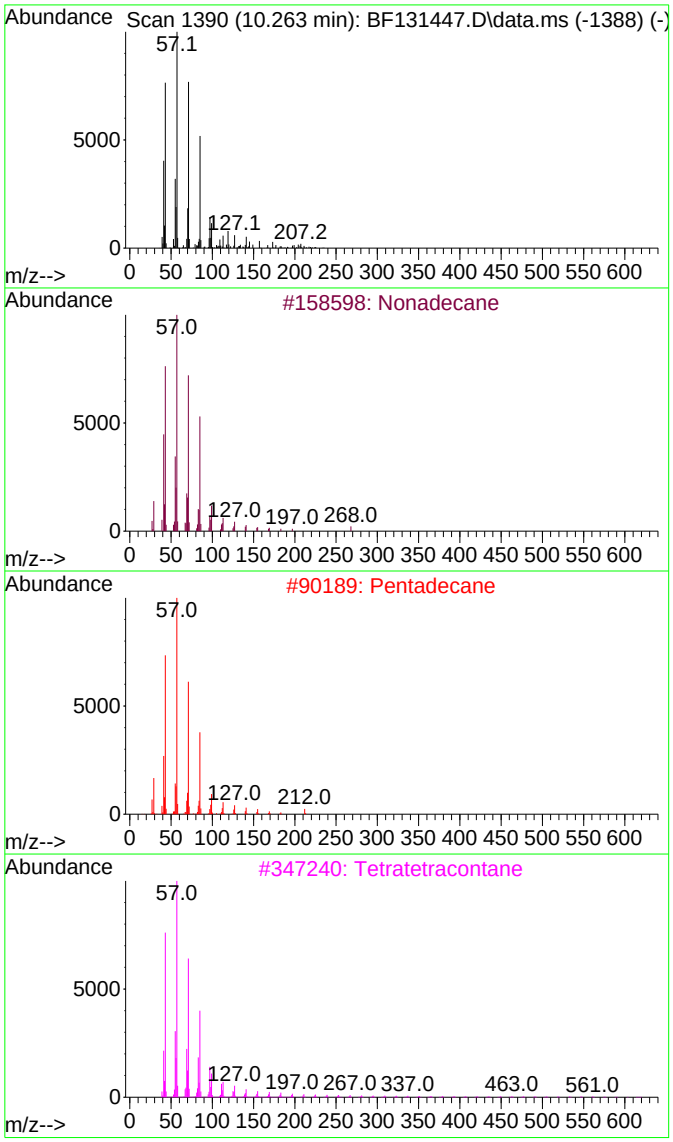
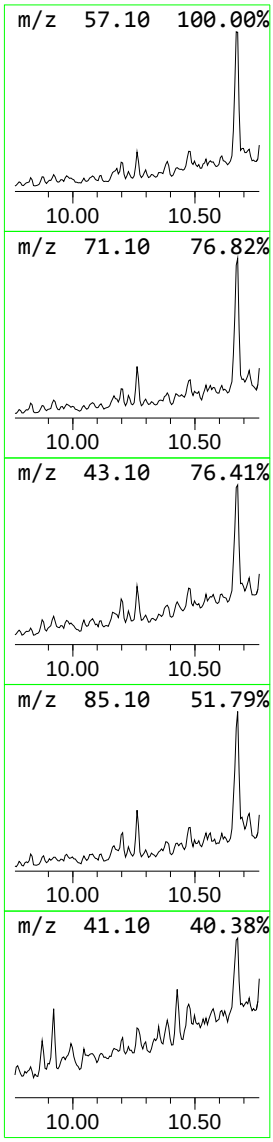
Peak Number 9 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	26.95 ng	591477	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Tridecane	184	C13H28	000629-50-5	86





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Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

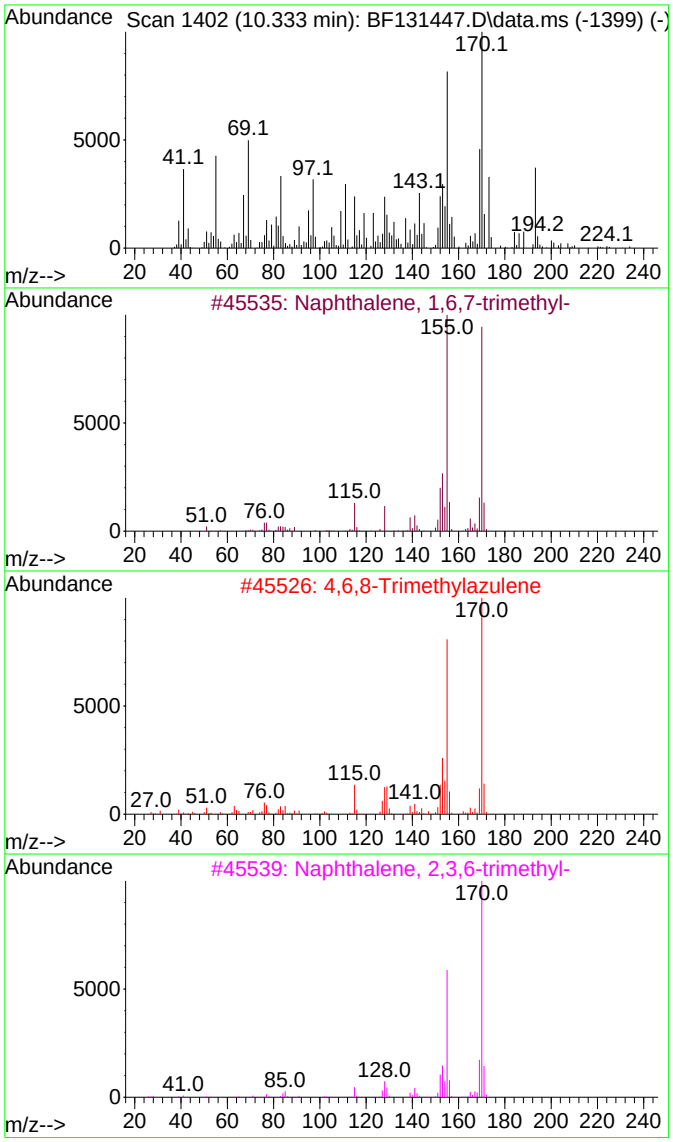
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

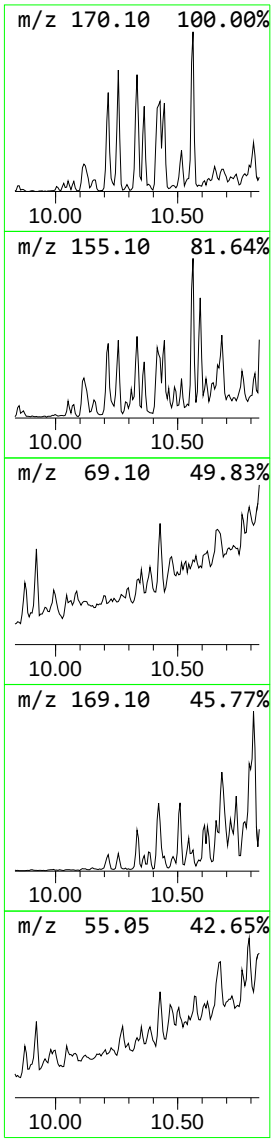
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	30.29 ng	664659	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	58





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Acq On : 29 Nov 2022 00:45
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Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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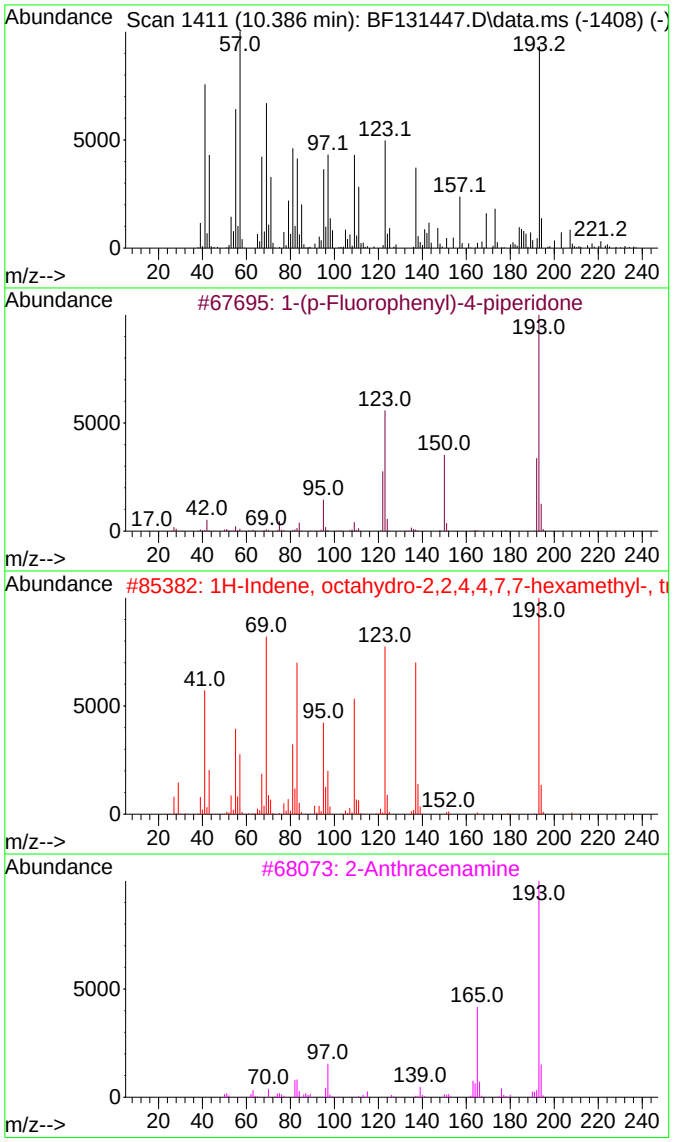
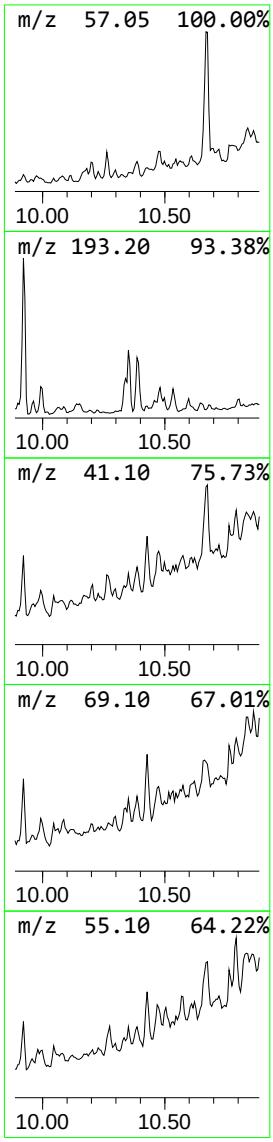
Peak Number 11 unknown10.386 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	21.72 ng	476764	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	27
3	2-Anthracenamine	193	C14H11N	000613-13-8	25
4	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22
5	1,5-Methano-8H-pyrido[1,2-a][1,5...	234	C14H22N2O	000550-43-6	18





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Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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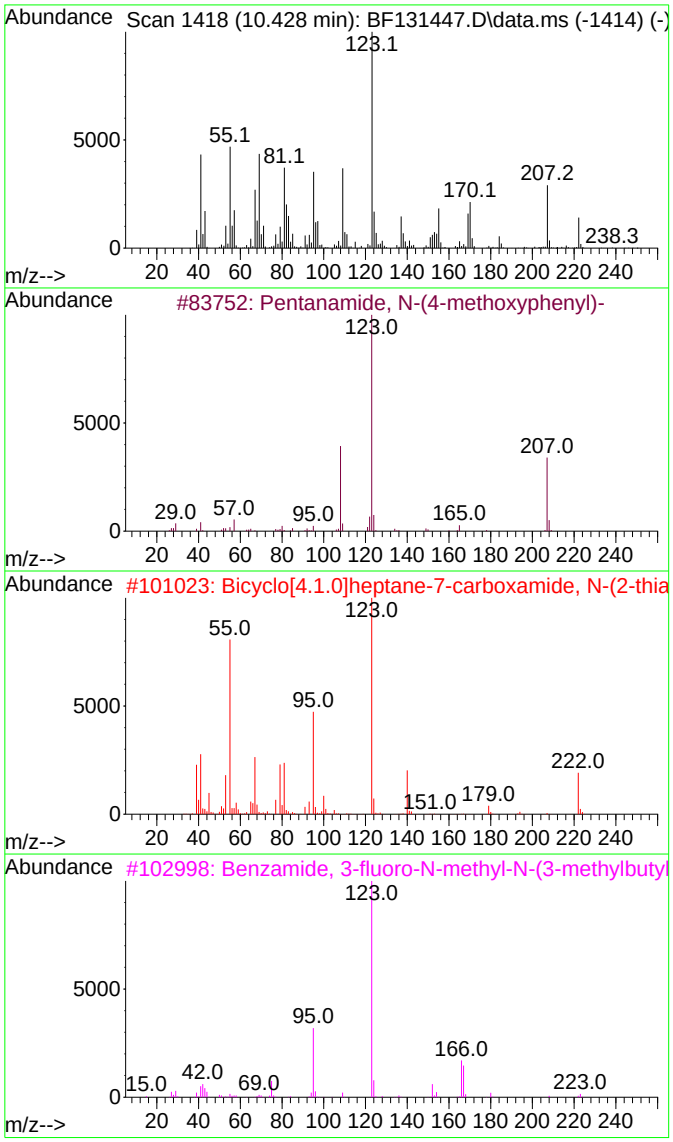
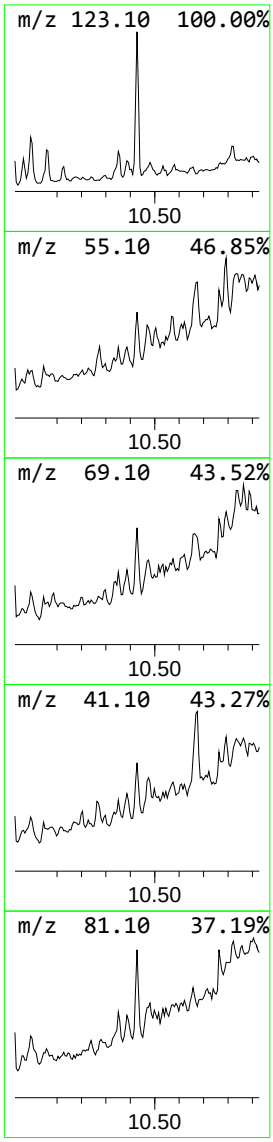
Peak Number 12 unknown10.428 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	78.39 ng	1720270	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	46
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43
3	Benzamide, 3-fluoro-N-methyl-N-(...	223	C13H18FNO	1000421-36-8	43
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
5	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43





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Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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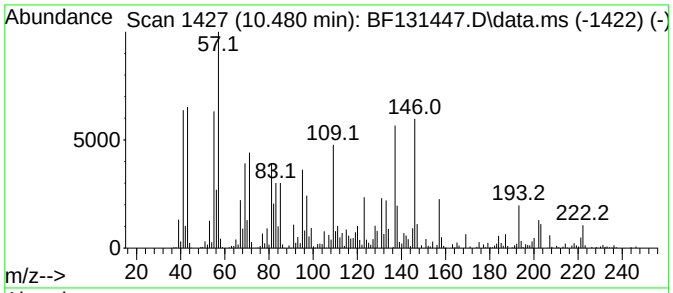
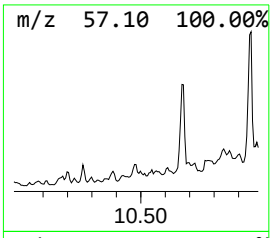
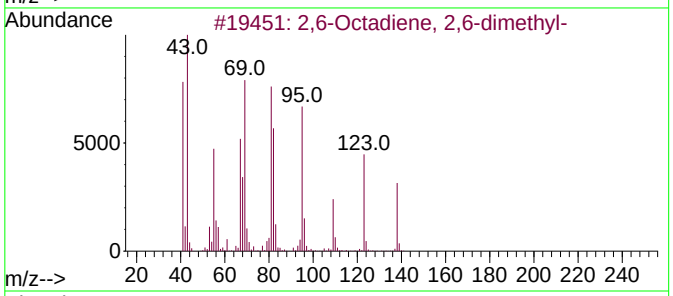
Peak Number 13 unknown10.480 Concentration Rank 4

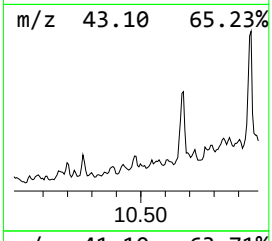
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	70.02 ng	1536590	Acenaphthene-d10	10.016

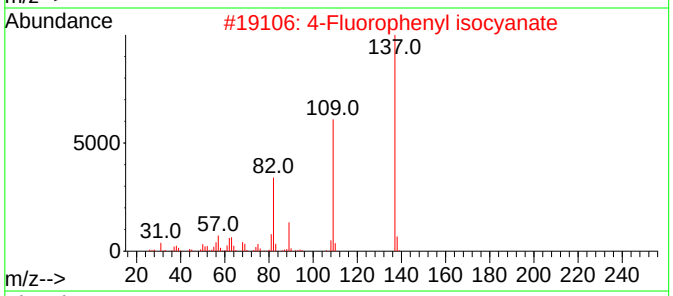
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	15
2	4-Fluorophenyl isocyanate	137	C7H4FNO	001195-45-5	14
3	2-Methoxy-4-methyl-bicyclo[3.2.1...	152	C10H16O	1000188-09-4	12
4	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	12
5	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	10

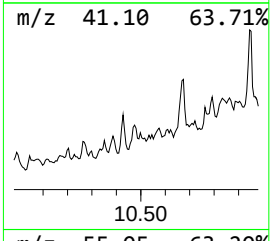


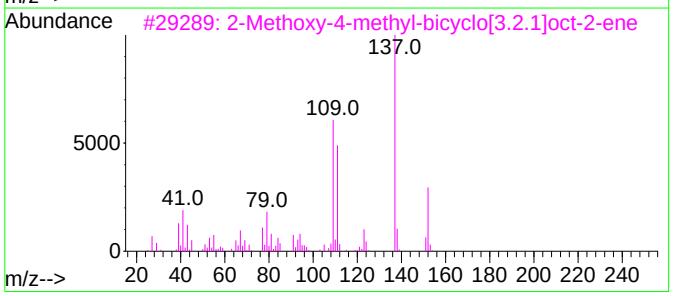


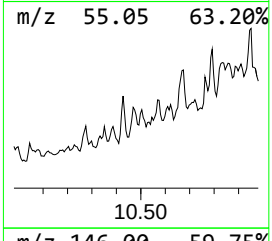


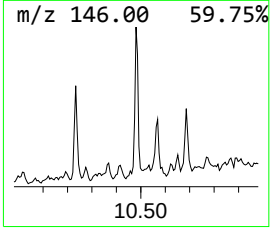












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Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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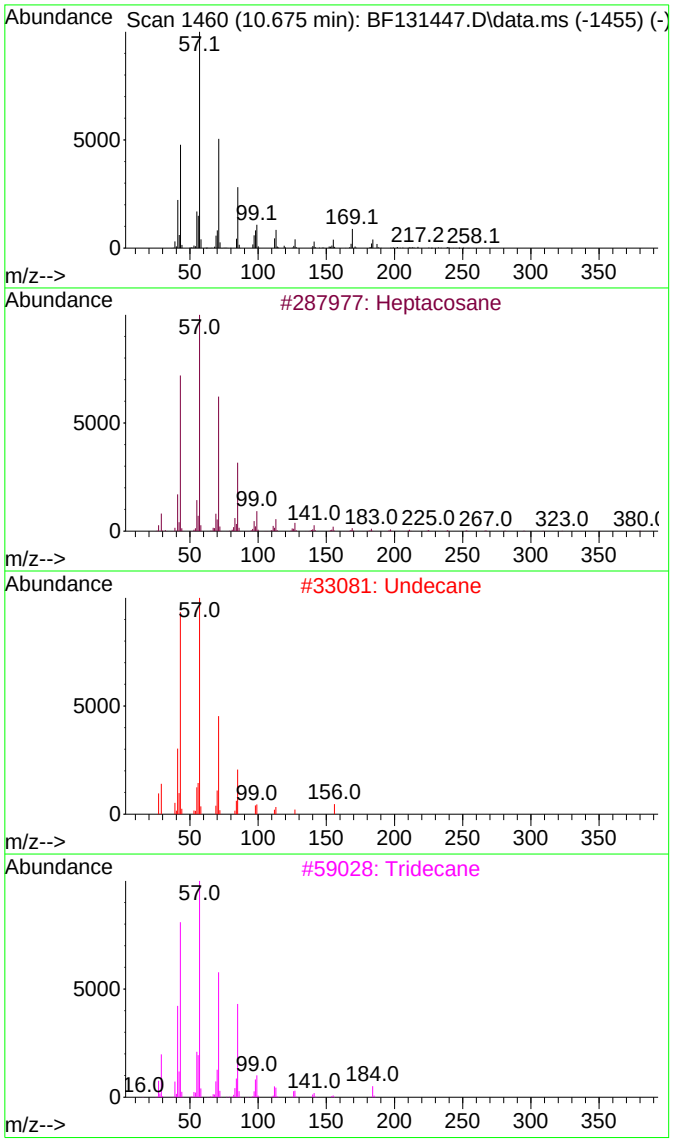
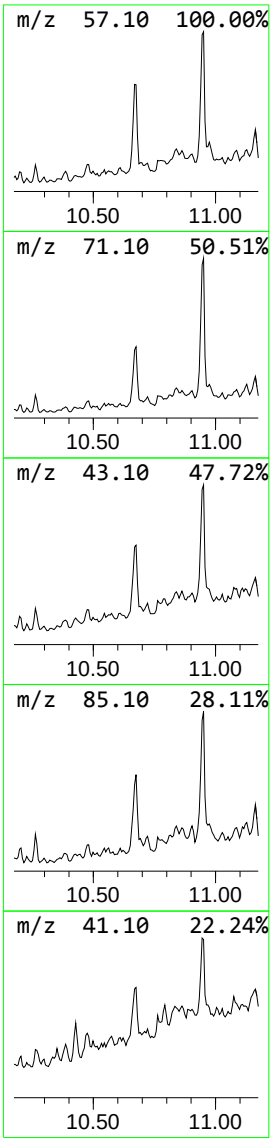
Peak Number 14 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	124.44 ng	2730930	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Undecane	156	C11H24	001120-21-4	83
3	Tridecane	184	C13H28	000629-50-5	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-15S

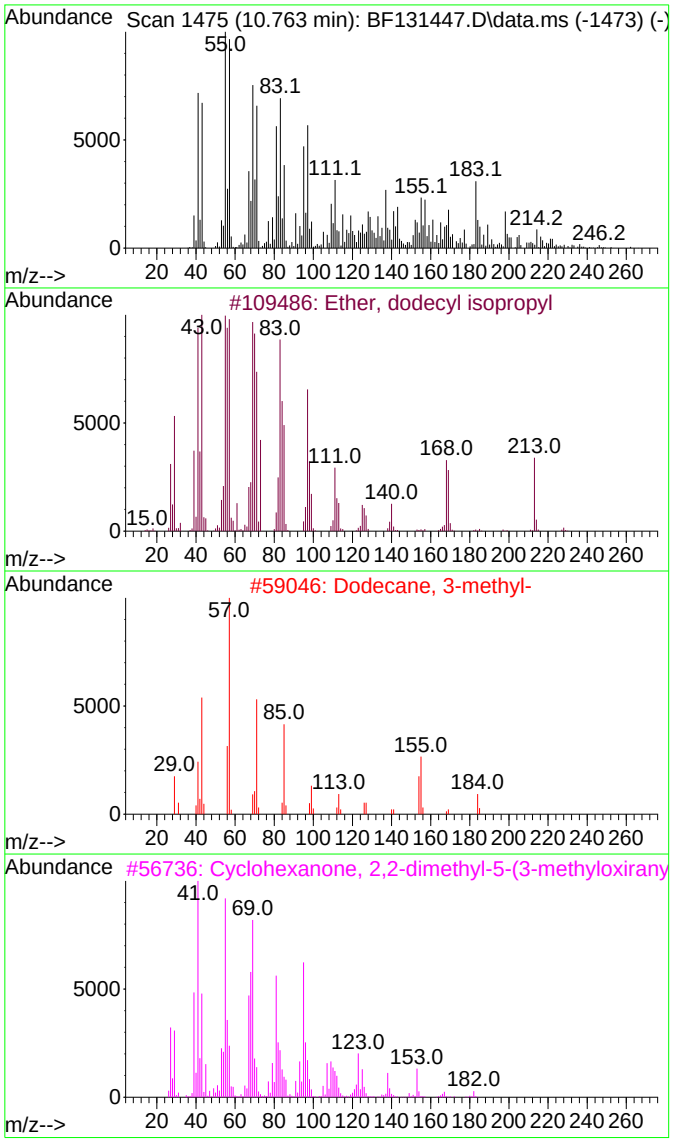
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

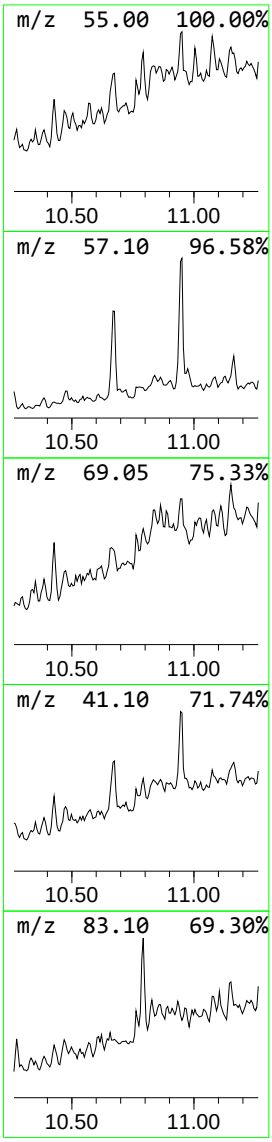
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Ether, dodecyl isopropyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	70.41 ng	1545290	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	55
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
3	Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	46
4	Myrtanol, 2-mercapto-	186	C10H18OS	1000162-47-0	42
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	42





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Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

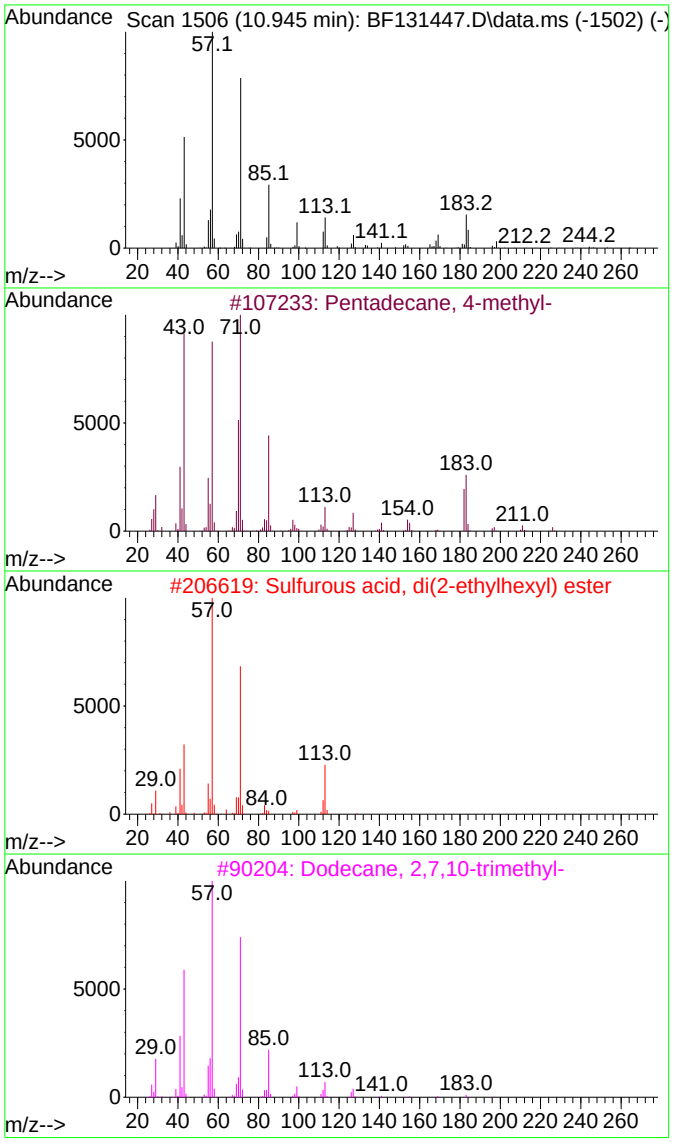
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

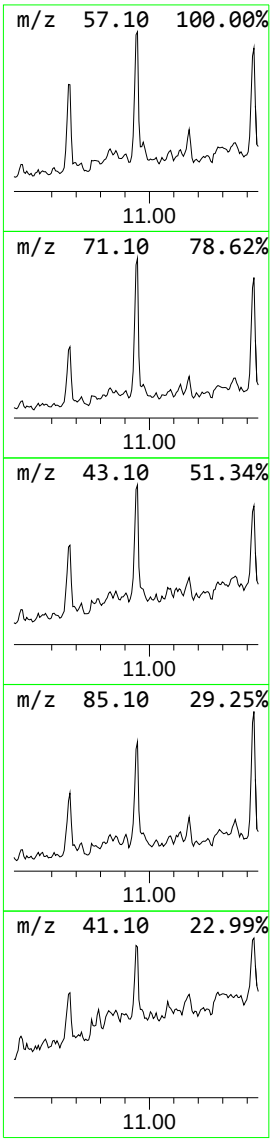
****

Peak Number 16 Pentadecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.945	29.70 ng	3912090	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
2	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	53
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	53
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50





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Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

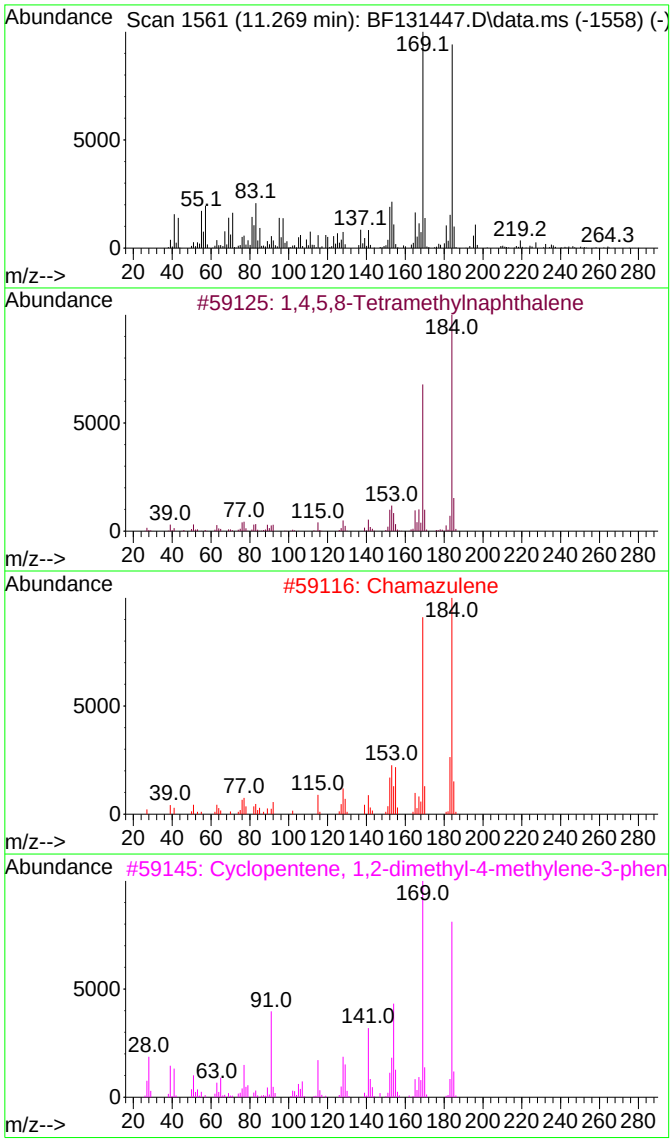
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

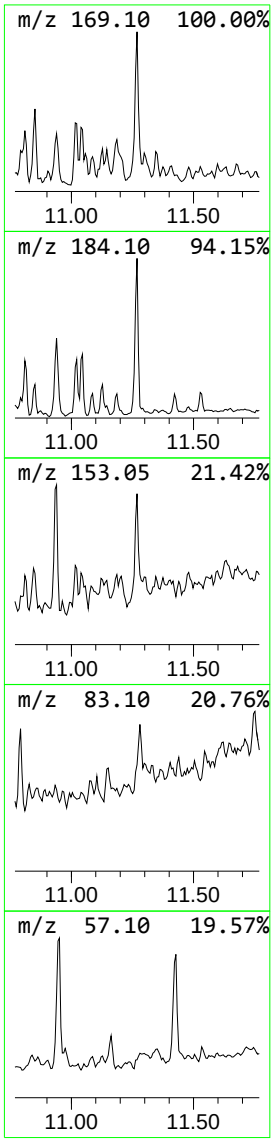
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,4,5,8-Tetramethylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	19.82 ng	2611200	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2	Chamazulene	184	C14H16	000529-05-5	87
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	83
4	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	83
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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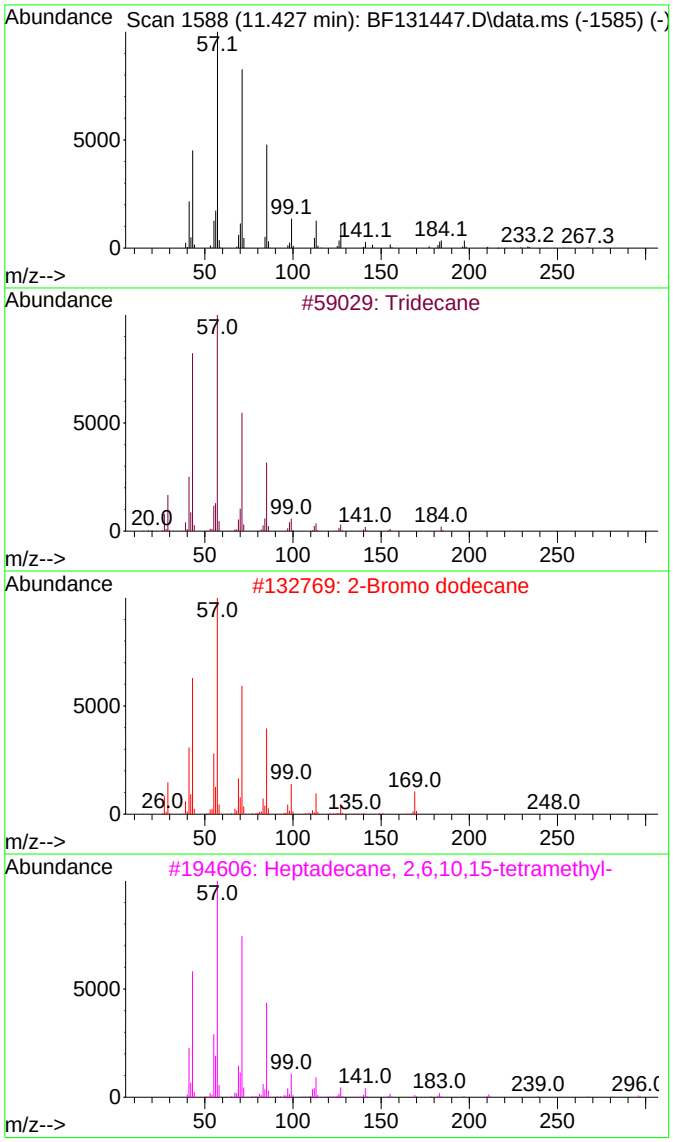
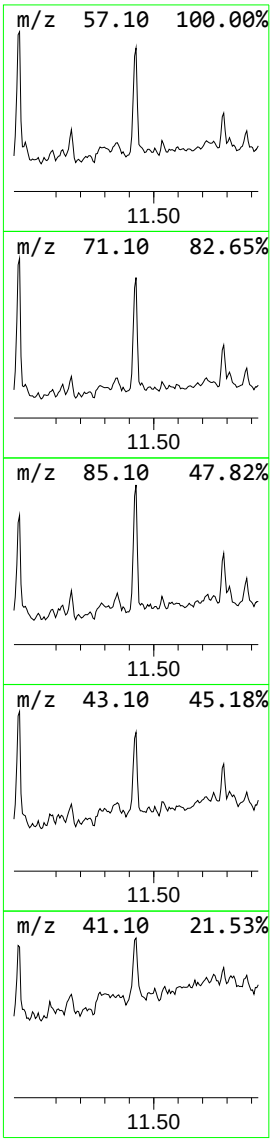
Peak Number 18 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.428	20.00 ng	2634810	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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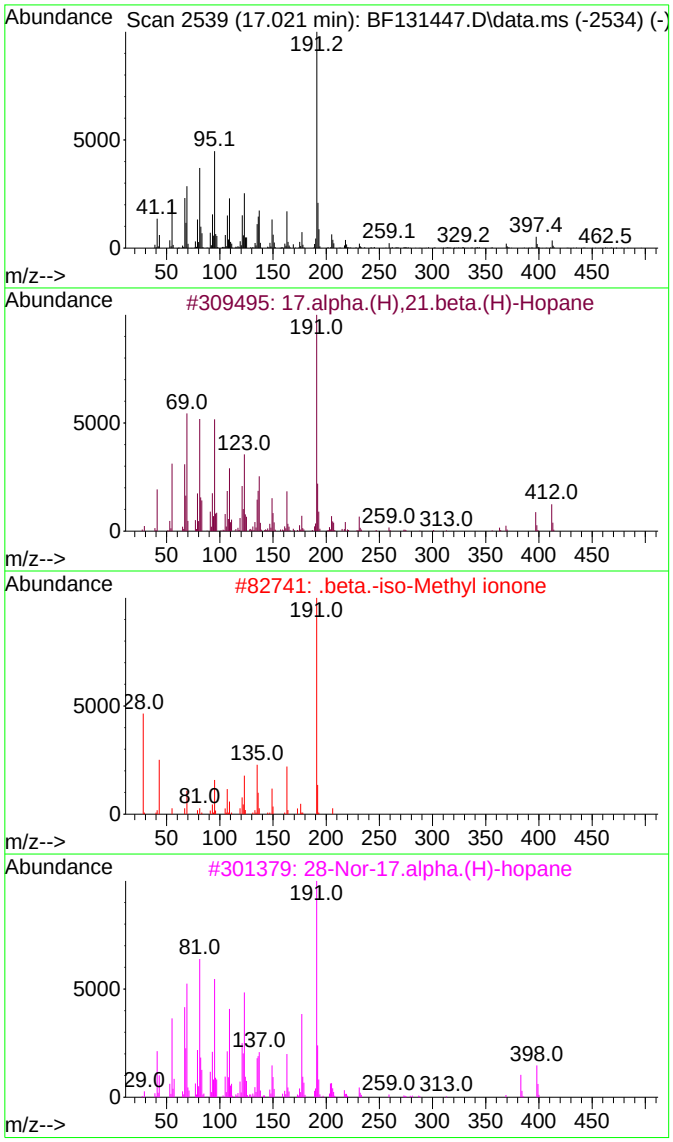
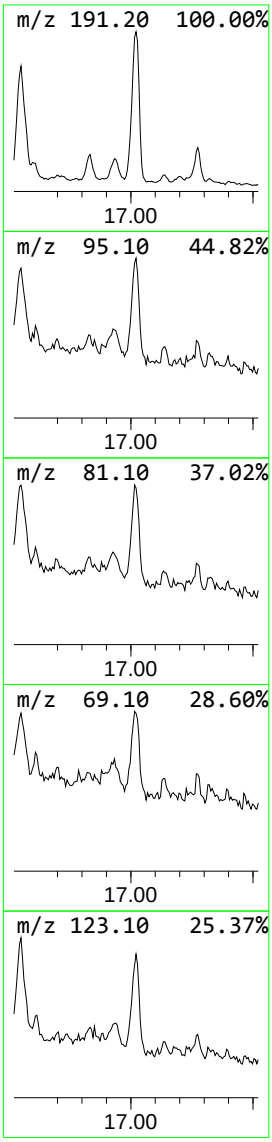
Peak Number 19 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.021	20.00 ng	3306930	Perylene-d12	15.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	93
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	53
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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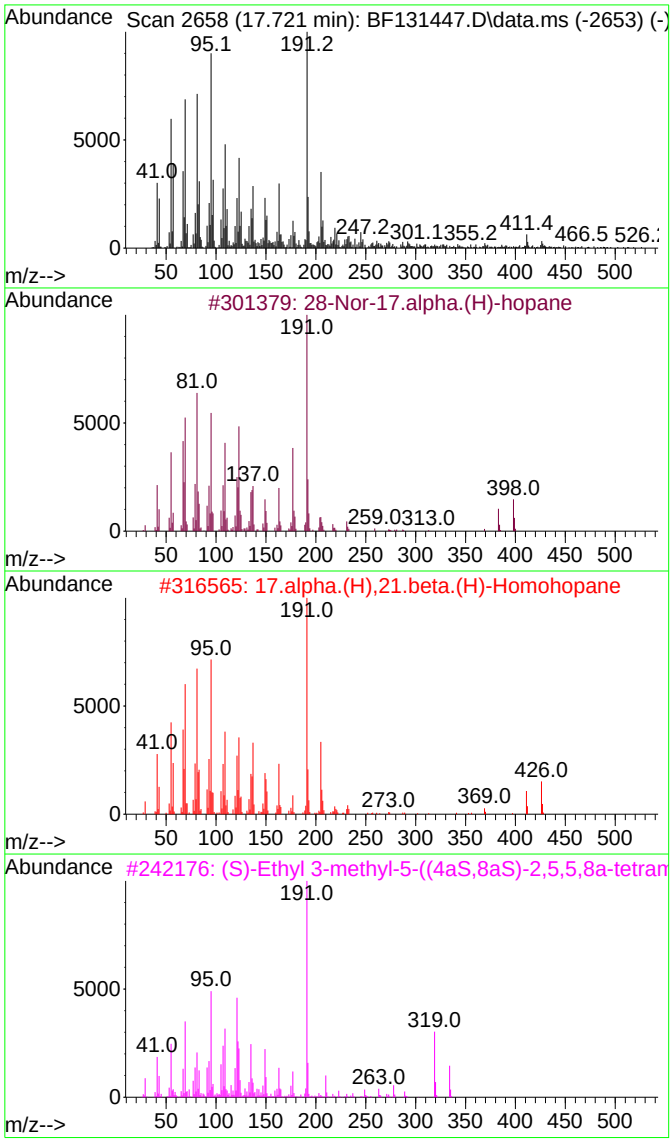
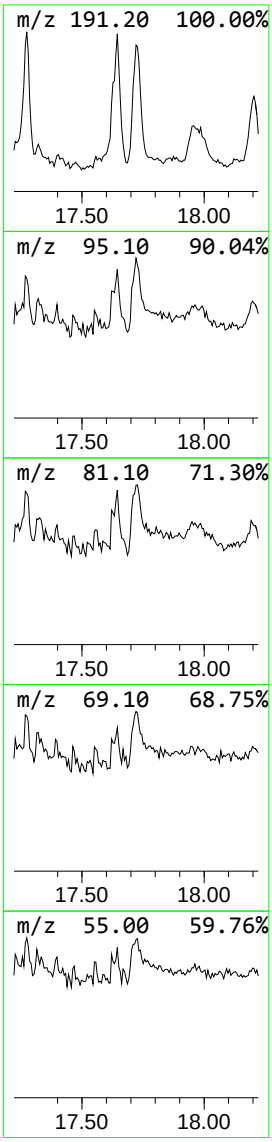
Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.721	16.02 ng	2649640	Perylene-d12	15.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	58
2	17.alpha.(H),21.beta.(H)-Homohopane	426	C31H54	053584-61-5	55
3	(S)-Ethyl 3-methyl-5-((4aS,8aS)-...	334	C22H38O2	170868-96-9	38
4	Silane, dimethyldi(2-propylpheno...	328	C20H28O2Si	1000347-41-8	38
5	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131447.D
Acq On : 29 Nov 2022 00:45
Operator : CG\JU
Sample : N5752-17 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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
Undecane, 5-met...	7.657	13.3	ng	493641	2	8.245	741774	20.0
Decahydro-1,1,4...	9.404	14.6	ng	319979	3	10.016	438911	20.0
unknown9.716	9.716	61.5	ng	1350390	3	10.016	438911	20.0
unknown9.875	9.875	33.8	ng	741320	3	10.016	438911	20.0
unknown9.922	9.922	47.6	ng	1045710	3	10.016	438911	20.0
unknown9.963	9.963	16.1	ng	353759	3	10.016	438911	20.0
Naphthalene, 1-...	10.116	14.6	ng	320577	3	10.016	438911	20.0
trans-Calamenene	10.169	29.6	ng	650399	3	10.016	438911	20.0
Nonadecane	10.263	26.9	ng	591477	3	10.016	438911	20.0
Naphthalene, 1,...	10.334	30.3	ng	664659	3	10.016	438911	20.0
unknown10.386	10.386	21.7	ng	476764	3	10.016	438911	20.0
unknown10.428	10.428	78.4	ng	1720270	3	10.016	438911	20.0
unknown10.480	10.480	70.0	ng	1536590	3	10.016	438911	20.0
Heptacosane	10.675	124.4	ng	2730930	3	10.016	438911	20.0
Ether, dodecyl ...	10.763	70.4	ng	1545290	3	10.016	438911	20.0
Pentadecane, 4-...	10.945	29.7	ng	3912090	4	11.528	2634810	20.0
1,4,5,8-Tetrame...	11.269	19.8	ng	2611200	4	11.528	2634810	20.0
Tridecane	11.428	20.0	ng	2634810	4	11.528	2634810	20.0
17.alpha.(H),21...	17.021	20.0	ng	3306930	6	15.792	3306930	20.0
28-Nor-17.alpha...	17.721	16.0	ng	2649640	6	15.792	3306930	20.0