LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.522	373	380	382	rBV	41119	55279	3.00%	0.210%
2	4.934	443	450	457	rVB	41096	50262	2.73%	0.191%
3	5.016	457	464	466	rBV3	32414	49520	2.69%	0.188%
4	5.098	472	478	484	rBV3	47642	82271	4.47%	0.313%
5	5.292	506	511	515	rBV4	43405	66217	3.59%	0.252%
6	5.369	520	524	527	rBV2	56619	65613	3.56%	0.249%
7	5.475	539	542	544	rBV2	93353	94258	5.12%	0.358%
8	5.504	544	547	556	rVB	1764142	1739361	94.40%	6.613%
9	5.645	568	571	577	rBV3	36837	63345	3.44%	0.241%
10	5.734	582	586	590	rBV4	48093	68491	3.72%	0.260%
11	5.781	592	594	603	rVB	112399	124737	6.77%	0.474%
12	5.904	613	615	618	rVB	57437	49553	2.69%	0.188%
13	5.945	618	622	625	rBV3	35769	51141	2.78%	0.194%
14	6.039	636	638	641	rVB3	79322	66325	3.60%	0.252%
15	6.122	647	652	659	rBV2	172112	294215	15.97%	1.119%
16	6.175	659	661	664	rVB	84694	70266	3.81%	0.267%
17	6.310	679	684	688	rBV3	79835	125740	6.82%	0.478%
18	6.369	692	694	697	rVB	141769	111320	6.04%	0.423%
19	6.404	697	700	707	rBV3	169245	264857	14.37%	1.007%
20	6.463	707	710	712	rVV	88184	76817	4.17%	0.292%
21	6.516	715	719	723	rVV	1921719	1746607	94.79%	6.641%
22	6.616	732	736	741	rBV4	89168	150029	8.14%	0.570%
23	6.657	741	743	748	rVB4	51939	65562	3.56%	0.249%
24	6.704	748	751	755	rBV	368443	347251	18.85%	1.320%
25	6.834	770	773	775	rVV4	49511	58573	3.18%	0.223%
26	6.881	778	781	784	rVV	687425	630788	34.23%	2.398%
27	6.934	786	790	793	rVV3	77254	94449	5.13%	0.359%
28	6.986	796	799	802	rVV2	62696	66310	3.60%	0.252%
29	7.022	802	805	809	rVV2	150326	175908	9.55%	0.669%
30	7.098	816	818	821	rBV	56042	52782	2.86%	0.201%
31	7.145	821	826	829	rBV3	170210	186719	10.13%	0.710%
32	7.175	829	831	833	rVV	85427	58919	3.20%	0.224%
33	7.204	833	836	841	rVB2	112522	167780	9.11%	0.638%
34	7.257	841	845	846	rBV	110438	96051	5.21%	0.365%
35	7.275	846	848	850	rVV	87310	68578	3.72%	0.261%
36	7.298	850	852	857	rVB4	37557	54017	2.93%	0.205%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.410	866	871	874	rBV3	139030	176993	9.61%	0.673%
38	7.451	874	878	880	rVV	1373247	1309574	71.07%	4.979%
39	7.469	880	881	885	rVB	412144	208929	11.34%	0.794%
40	7.522	885	890	893	rBV5	105173	146525	7.95%	0.557%
41	7.569	893	898	904	rBV6	57868	129634	7.04%	0.493%
42	7.651	909	912	914	rVV	85334	67306	3.65%	0.256%
43	7.681	914	917	920	rVB2	48098	60526	3.28%	0.230%
44	7.775	931	933	935	rVV	78284	70204	3.81%	0.267%
45	7.798	935	937	941	rVV2	64296	92679	5.03%	0.352%
46	7.833	941	943	947	rVV2	56653	77209	4.19%	0.294%
47	7.898	952	954	957	rVV	115666	117393	6.37%	0.446%
48	8.133	992	994	996	rVV	108386	103377	5.61%	0.393%
49	8.169	996	1000	1002	rVV	695974	619469	33.62%	2.355%
50	8.210	1005	1007	1010	rVB2	122174	108893	5.91%	0.414%
51	8.451	1044	1048	1052	rVB4	49078	64906	3.52%	0.247%
52	8.575	1066	1069	1071	rVB	66111	50139	2.72%	0.191%
53	8.745	1095	1098	1102	rVB	65385	48938	2.66%	0.186%
54	9.239	1178	1182	1186	rBV	2022738	1784008	96.82%	6.783%
55	9.310	1191	1194	1197	rVV	103577	83162	4.51%	0.316%
56	9.786	1271	1275	1279	rBV	96854	91108	4.94%	0.346%
57	9.839	1279	1284	1287	rVV	119257	103004	5.59%	0.392%
58	9.922	1295	1298	1301	rVV	657336	554824	30.11%	2.110%
59	10.163	1336	1339	1343	rBV3	45064	47898	2.60%	0.182%
60	10.239	1348	1352	1355	rBV3	32815	48413	2.63%	0.184%
61	10.339	1363	1369	1372	rBV	137653	133581	7.25%	0.508%
62	10.474	1389	1392	1399	rVB	50652	59234	3.21%	0.225%
63	10.557	1399	1406	1409	rBV2	71205	93607	5.08%	0.356%
64	10.716	1429	1433	1437	rBV	1219127	1027212	55.75%	3.906%
65	10.816	1447	1450	1459	rVB	157989	243944	13.24%	0.928%
66	11.263	1523	1526	1528	rBV	133444	104533	5.67%	0.397%
67	11.292	1528	1531	1533	rVV	60006	49100	2.66%	0.187%
68	11.416	1548	1552	1554	rBV	681507	572664	31.08%	2.177%
69	11.439	1554	1556	1561	rVB	437116	335143	18.19%	1.274%
70	11.492	1562	1565	1567	rBV	147901	113916	6.18%	0.433%
71	11.645	1588	1591	1596	rBV2	51611	77586	4.21%	0.295%
72	11.692	1596	1599	1601	rBV	97146	79405	4.31%	0.302%
73	11.916	1634	1637	1638	rBV	85198	67152	3.64%	0.255%
74	11.945	1640	1642	1645	rVB	130153	107224	5.82%	0.408%
75	12.027	1653	1656	1659	rBV2	164207	178903	9.71%	0.680%
76	12.098	1665	1668	1671	rBV	106782	83480	4.53%	0.317%

LSC Area Percent Report

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Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.210	1685	1687	1690	rBV	61779	60176	3.27%	0.229%
78	12.468	1728	1731	1733	rBV	111175	115854	6.29%	0.441%
79	12.486	1733	1734	1739	rVV4	93367	115391	6.26%	0.439%
80	12.563	1743	1747	1750	rBV3	76012	102275	5.55%	0.389%
81	12.633	1755	1759	1763	rBV	1189953	1017040	55.20%	3.867%
82	12.863	1792	1798	1804	rBV	1057114	1299805	70.54%	4.942%
83	12.916	1804	1807	1810	rBV2	67904	68776	3.73%	0.262%
84	13.004	1814	1822	1825	rBV	1867509	1842549	100.00%	7.006%
85	13.074	1831	1834	1840	rBV4	82568	152352	8.27%	0.579%
86	13.192	1847	1854	1856	rBV	221241	308845	16.76%	1.174%
87	13.215	1856	1858	1860	rBV	62814	57444	3.12%	0.218%
88	13.257	1862	1865	1867	rVB2	159568	120851	6.56%	0.460%
89	13.298	1868	1872	1874	rBV2	127594	150754	8.18%	0.573%
90	13.386	1885	1887	1890	rBV	71517	75568	4.10%	0.287%
91	13.421	1890	1893	1894	rBV	89712	81458	4.42%	0.310%
92	13.563	1915	1917	1919	rBV	76775	59498	3.23%	0.226%
93	13.839	1962	1964	1966	rBV	94921	76213	4.14%	0.290%
94	13.862	1966	1968	1970	rBV	94209	94334	5.12%	0.359%
95	14.062	1998	2002	2005	rBV2	735059	1109564	60.22%	4.219%
96	14.092	2005	2007	2012	rVB	546887	469616	25.49%	1.786%
97	15.127	2179	2183	2186	rBV	405851	610050	33.11%	2.320%
98	15.439	2233	2236	2242	rVB	239570	294463	15.98%	1.120%
99	15.504	2243	2247	2252	rVB	418620	521951	28.33%	1.985%
100	15.562	2253	2257	2261	rBV2	312328	413674	22.45%	1.573%

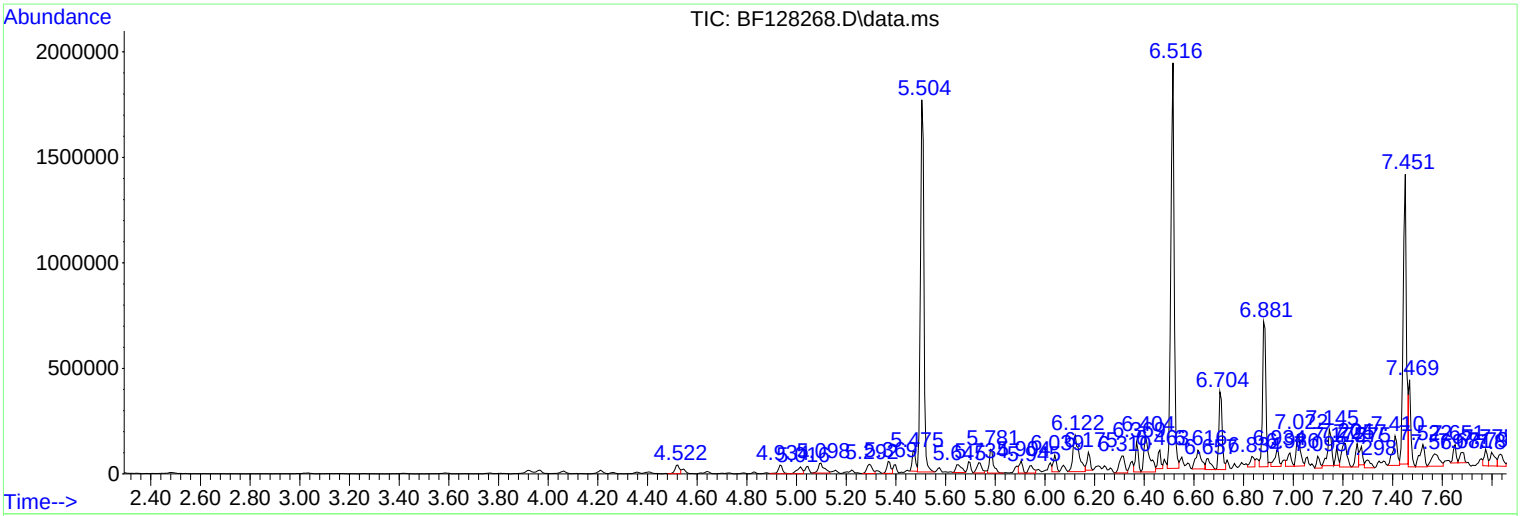
Sum of corrected areas: 26300207

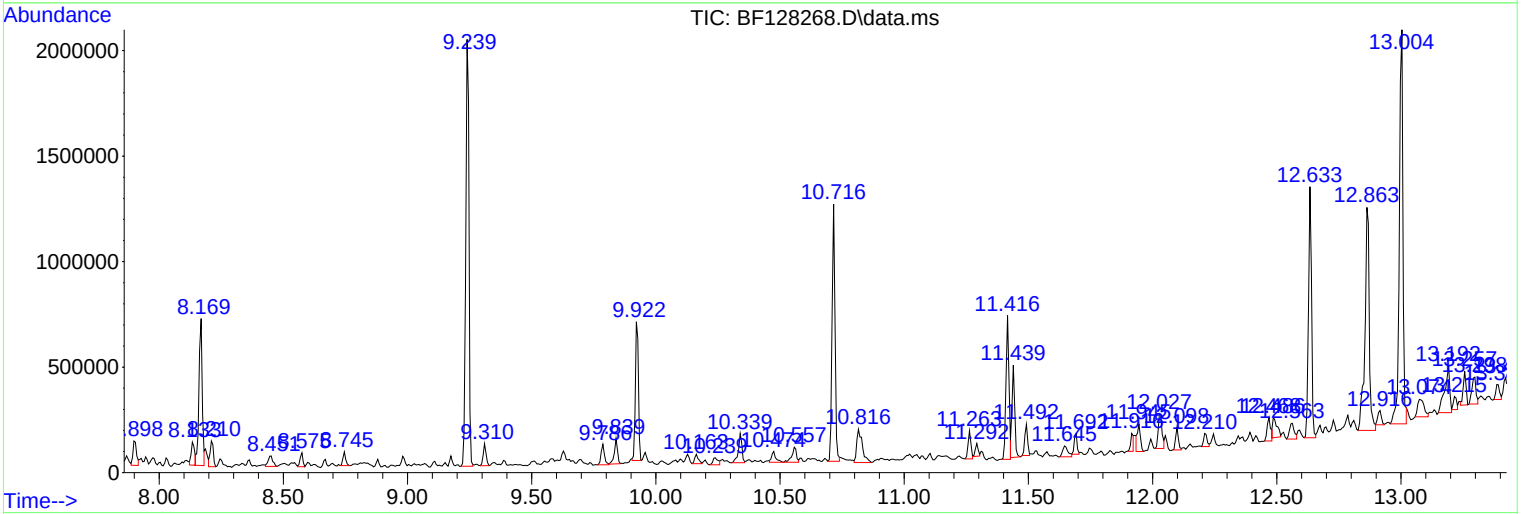
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

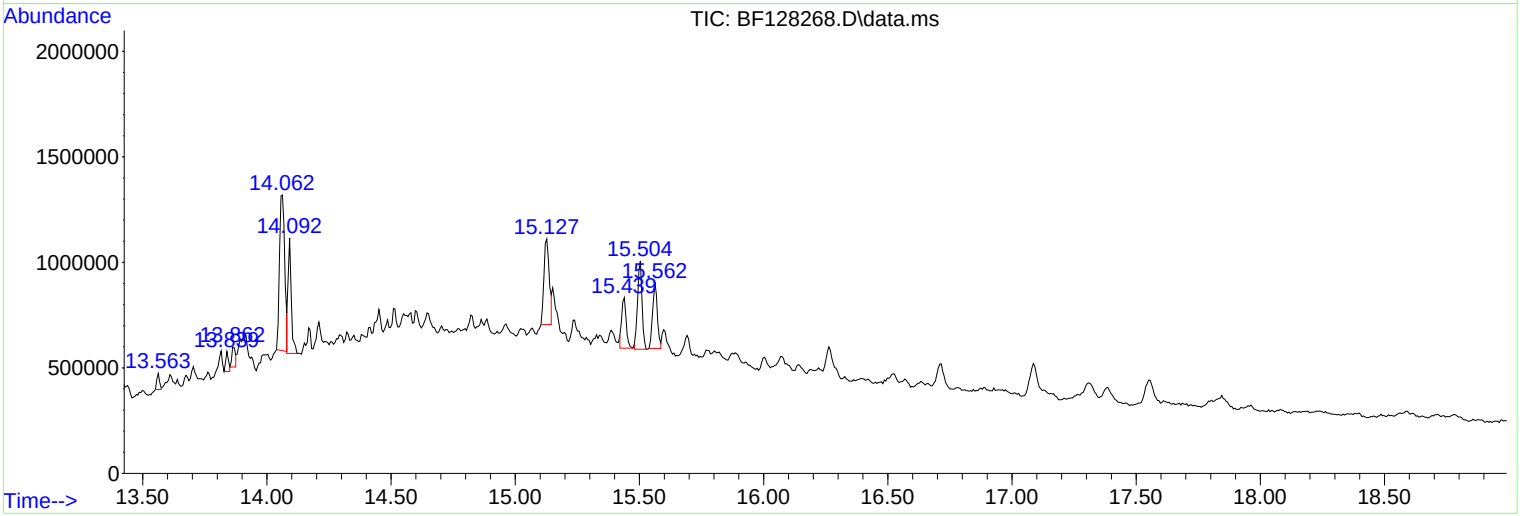
Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

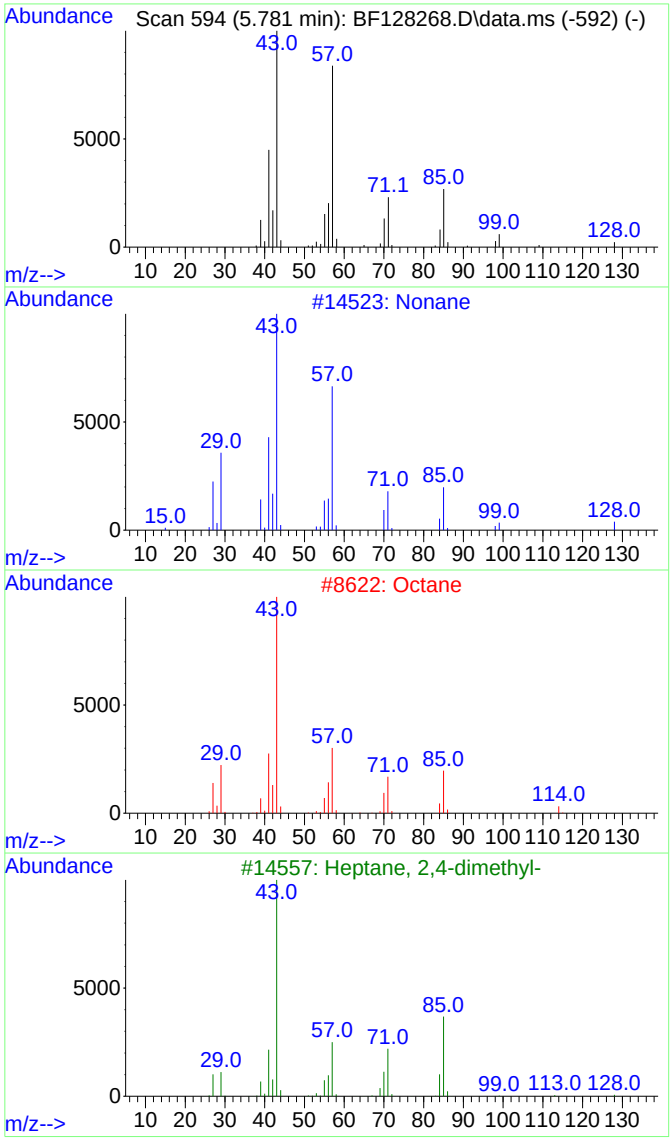
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

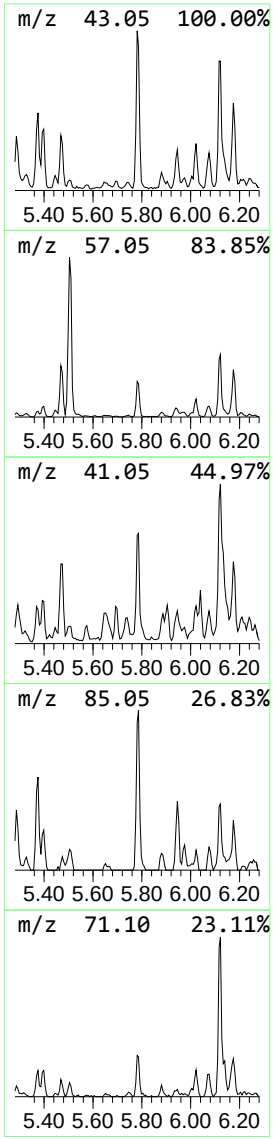
****

Peak Number 1 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	3.95 ng	124737	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Octane	114	C8H18	000111-65-9	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
PL-05-051222

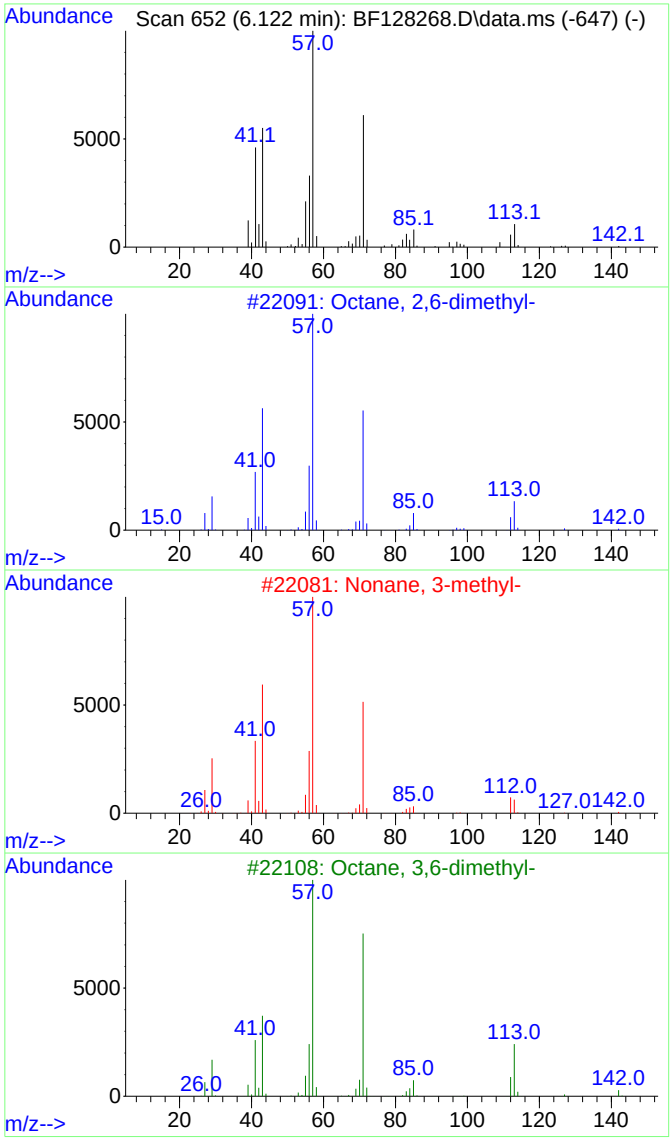
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

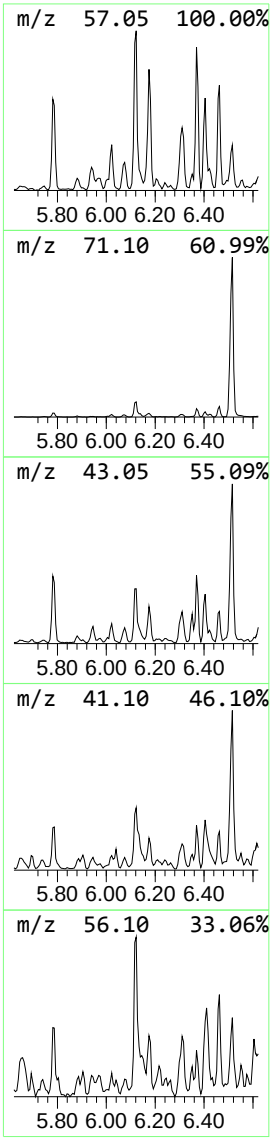
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.122	9.33 ng	294215	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

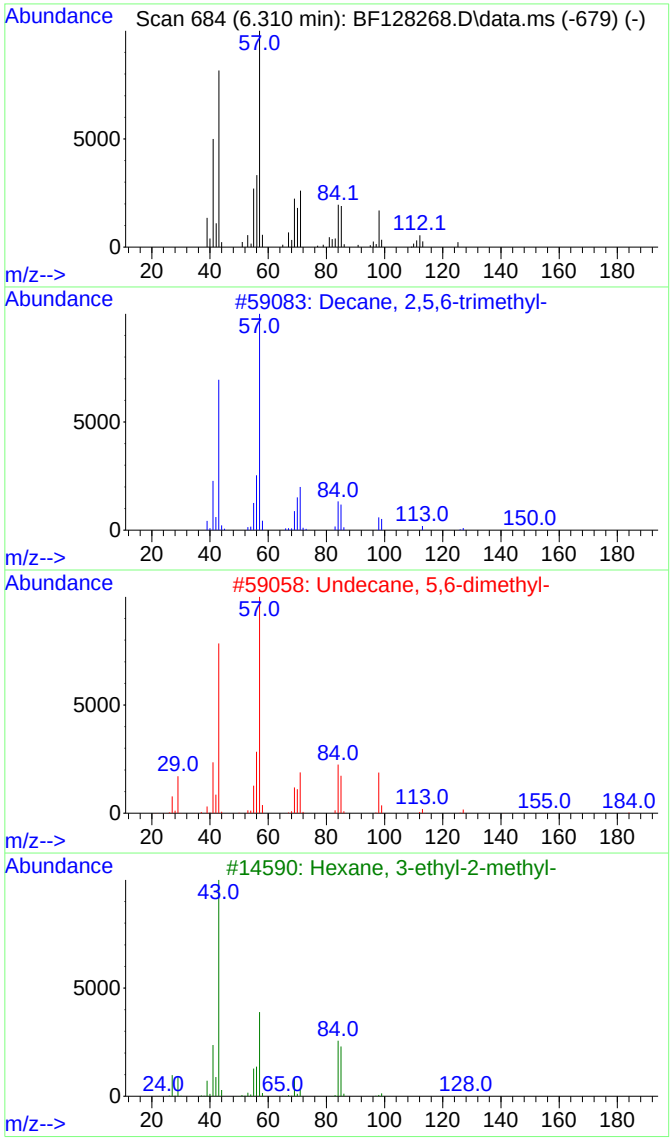
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

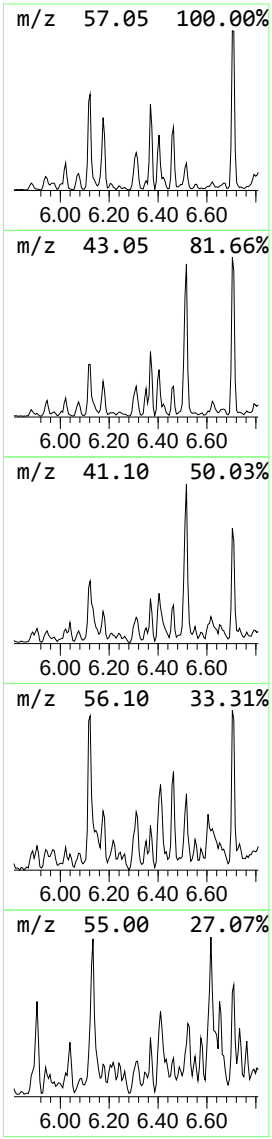
****

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	3.99 ng	125740	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	83
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	78
3	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	64
4	Decane	142	C10H22	000124-18-5	53
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

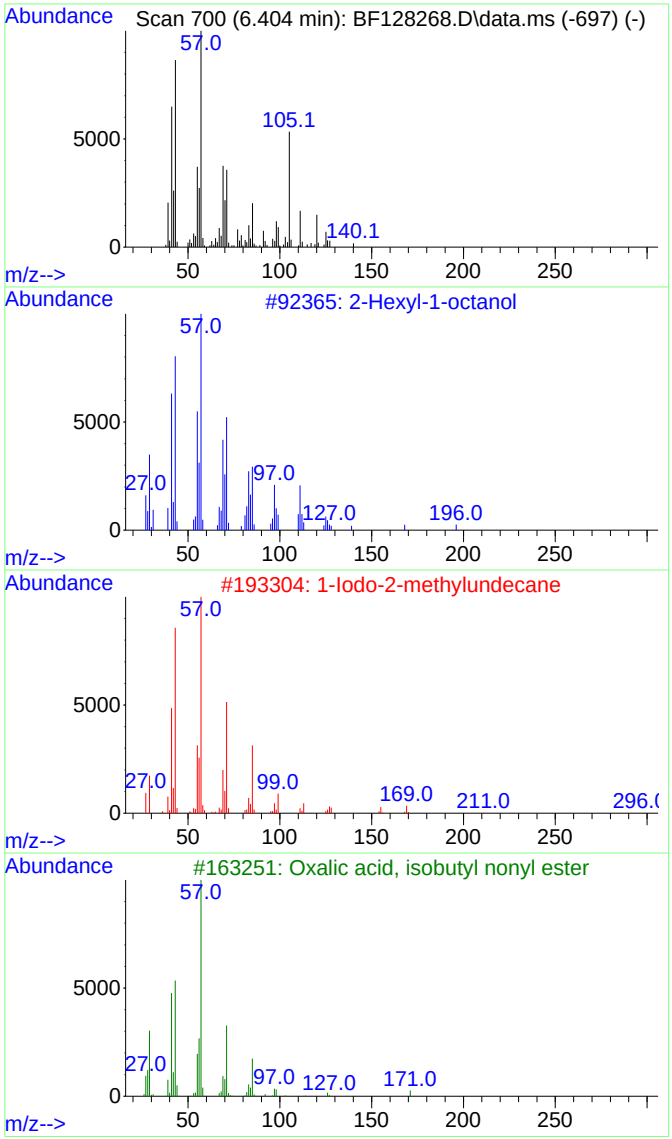
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

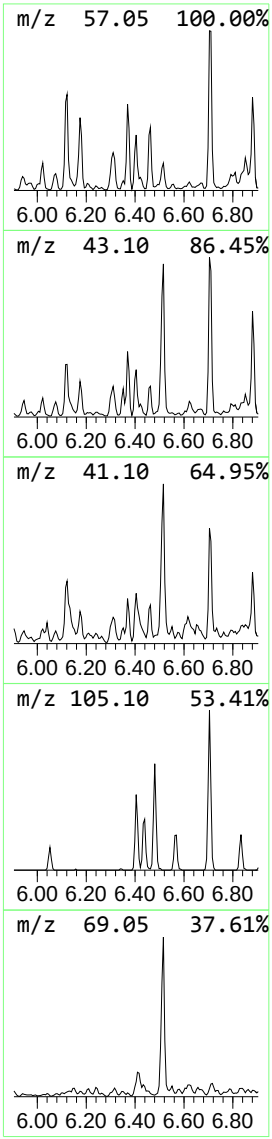
****

Peak Number 4 2-Hexyl-1-octanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.404	8.40 ng	264857	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	64
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	47
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

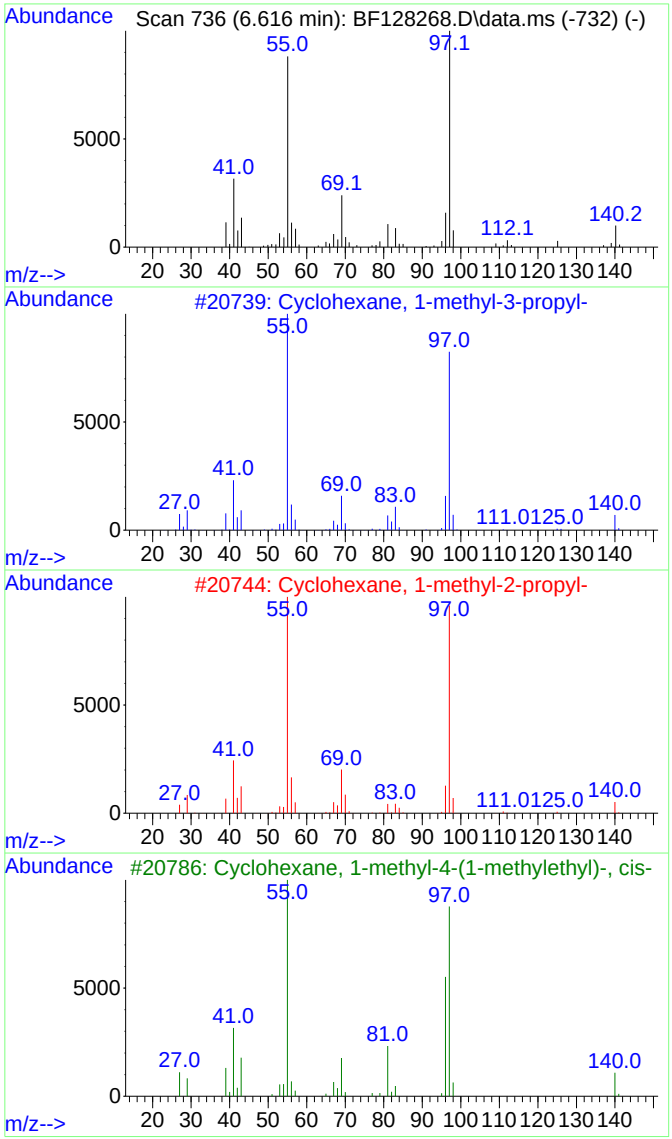
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

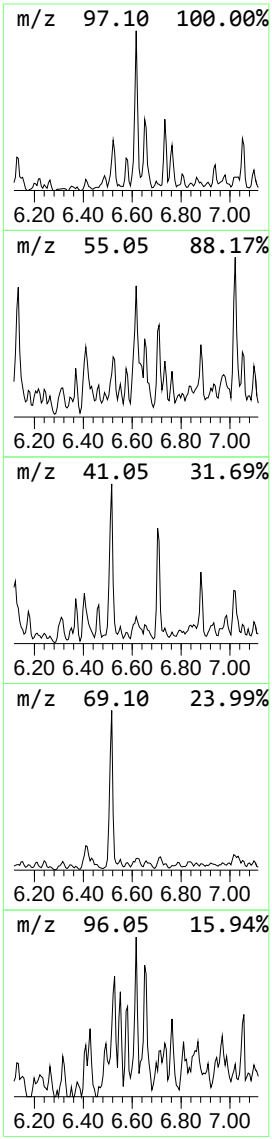
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1-methyl-3-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	4.76 ng	150029	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	83
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	64





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Operator : CG\JU
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Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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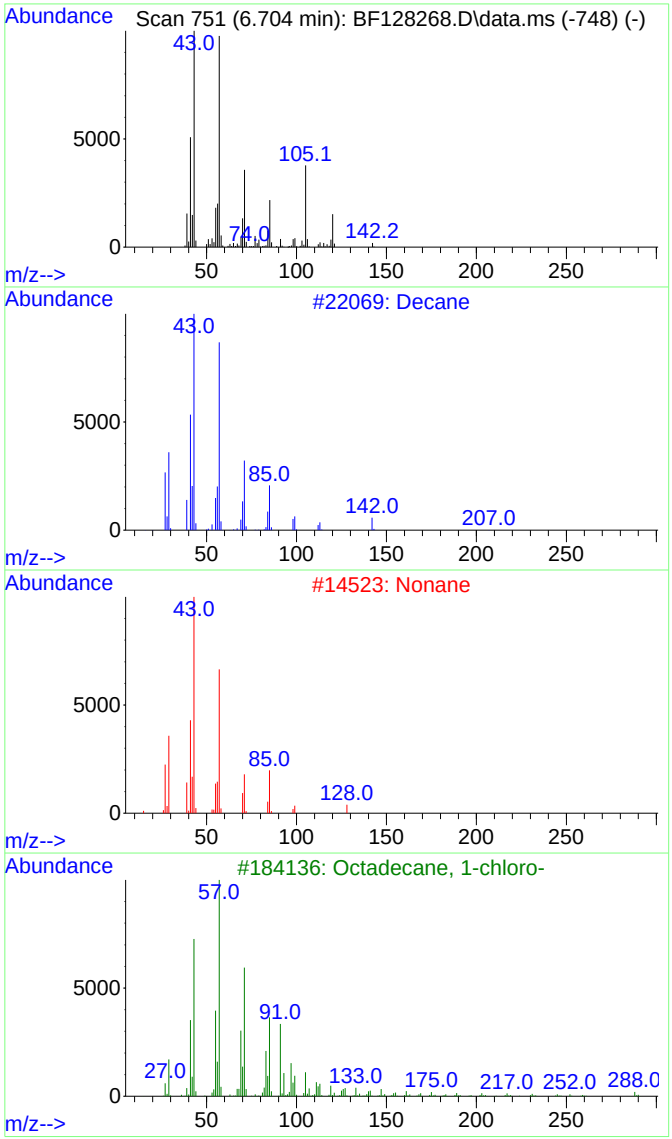
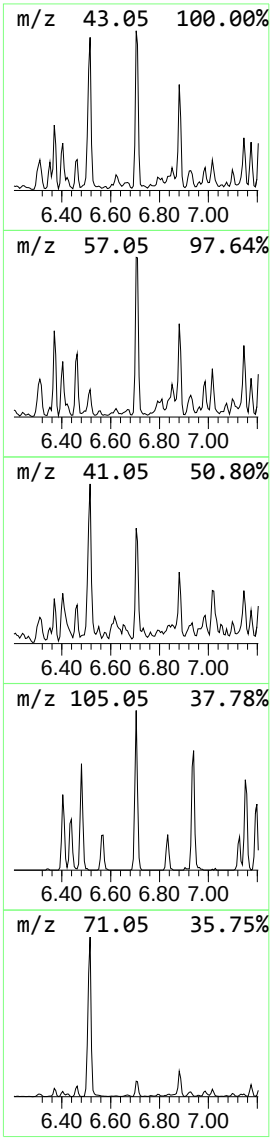
Peak Number 6 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	11.01 ng	347251	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	58
2	Nonane	128	C9H20	000111-84-2	52
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	49
5	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	47





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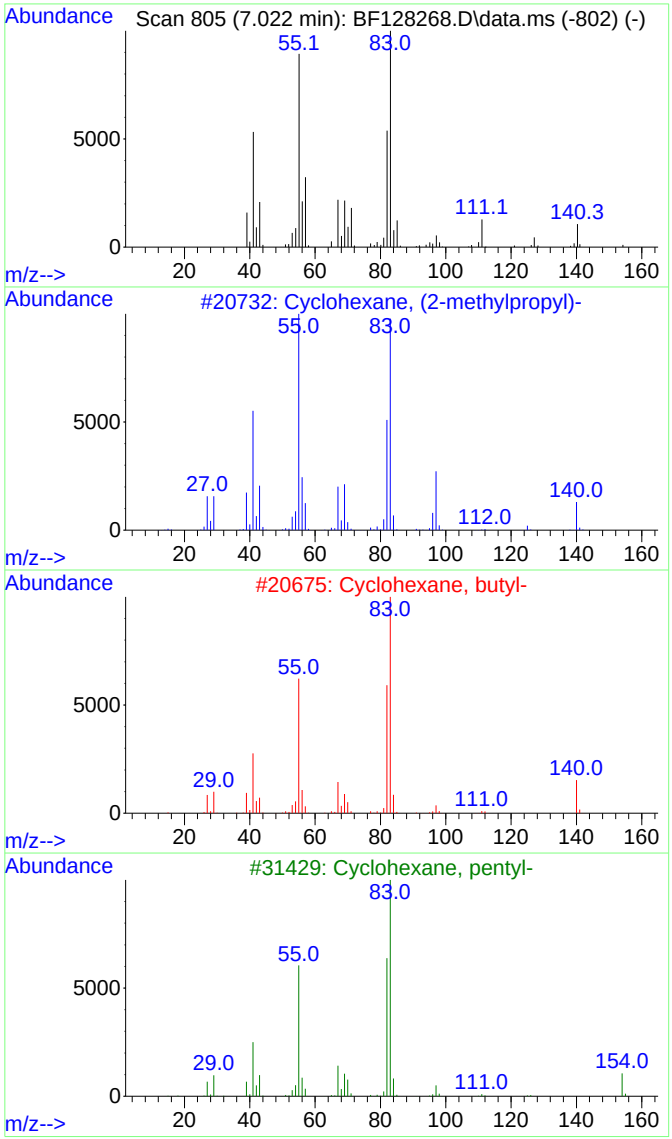
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

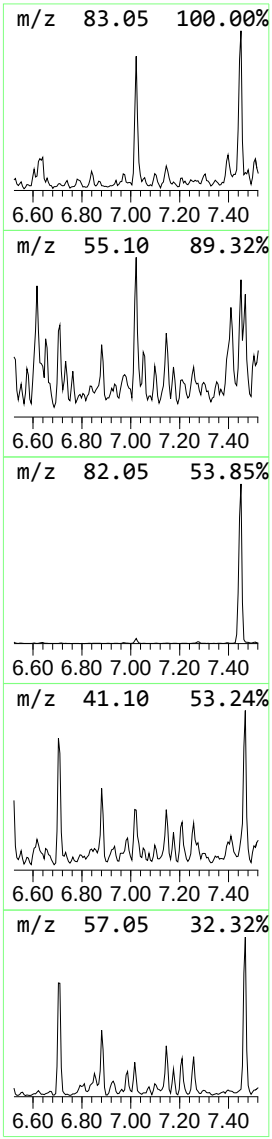
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	5.58 ng	175908	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	58





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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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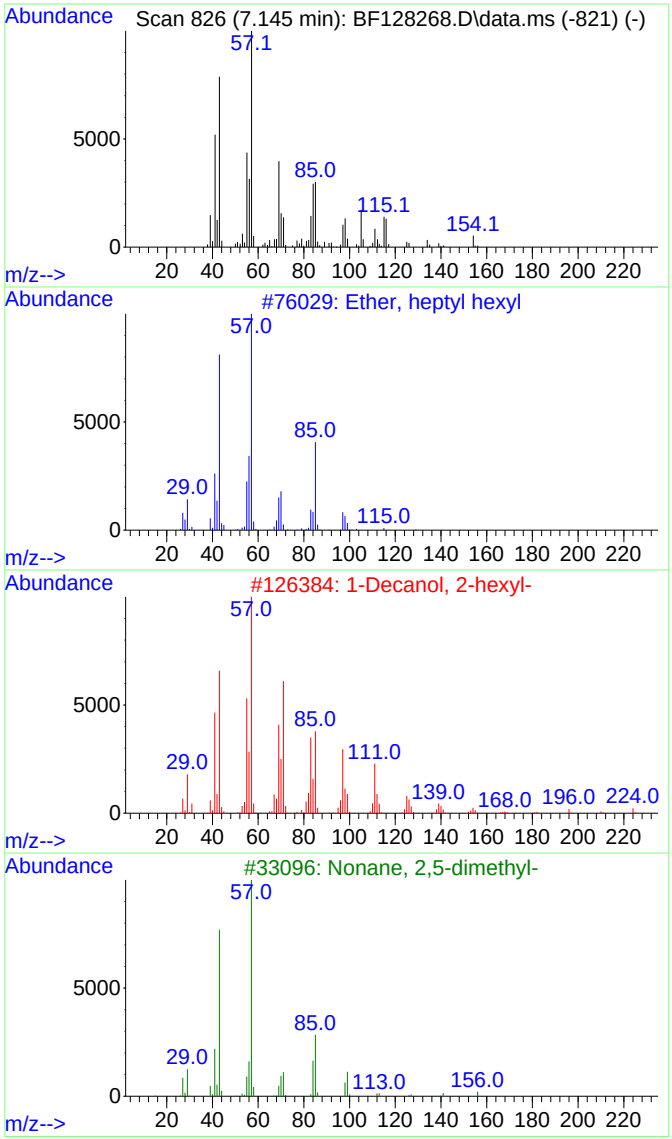
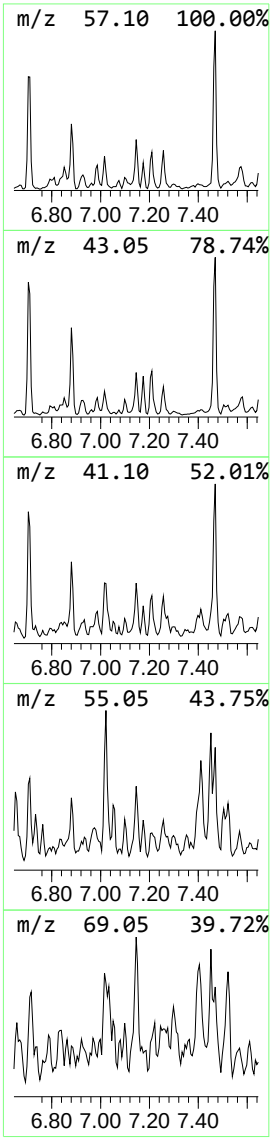
Peak Number 8 unknown7.145 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	5.92 ng	186719	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, heptyl hexyl	200	C13H28O	007289-40-9	49
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	43
4	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38





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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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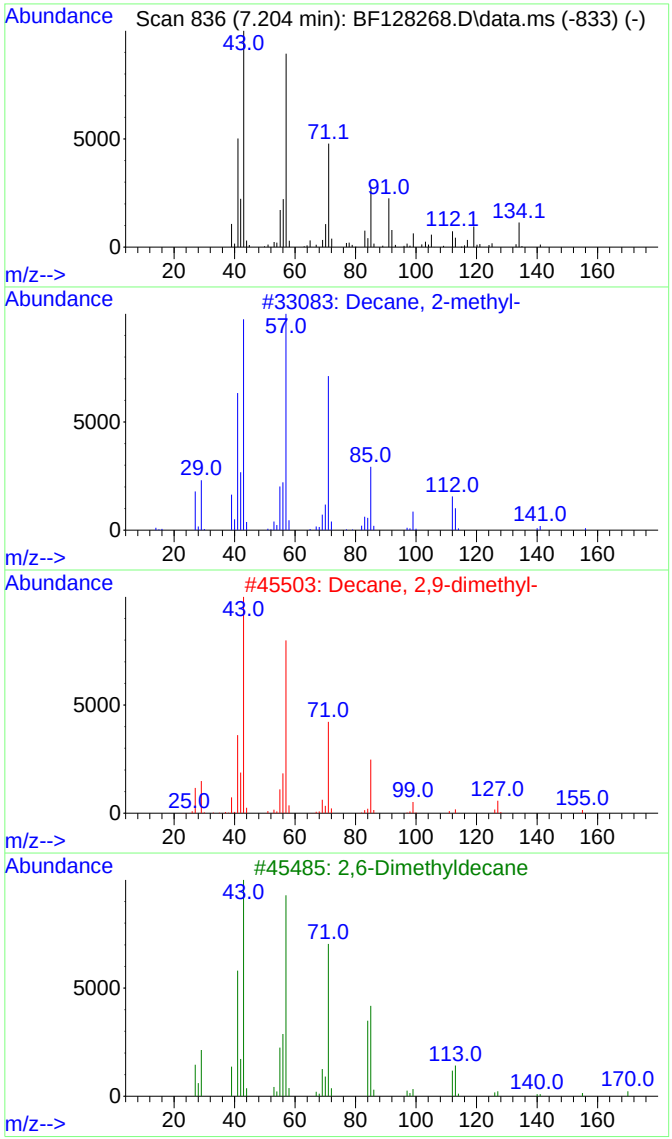
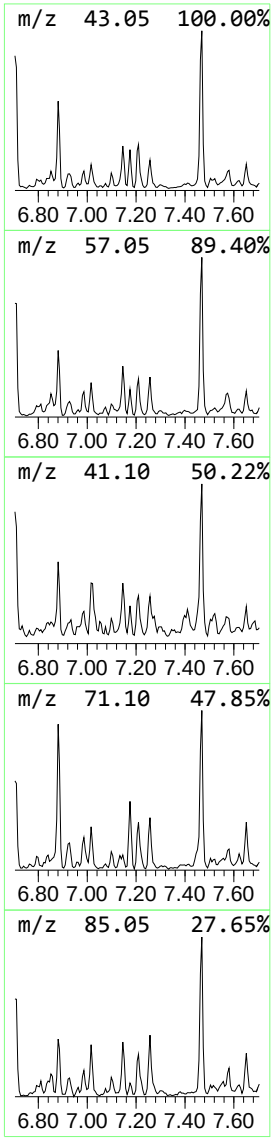
Peak Number 9 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	5.32 ng	167780	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	59
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	59
5	Tridecane	184	C13H28	000629-50-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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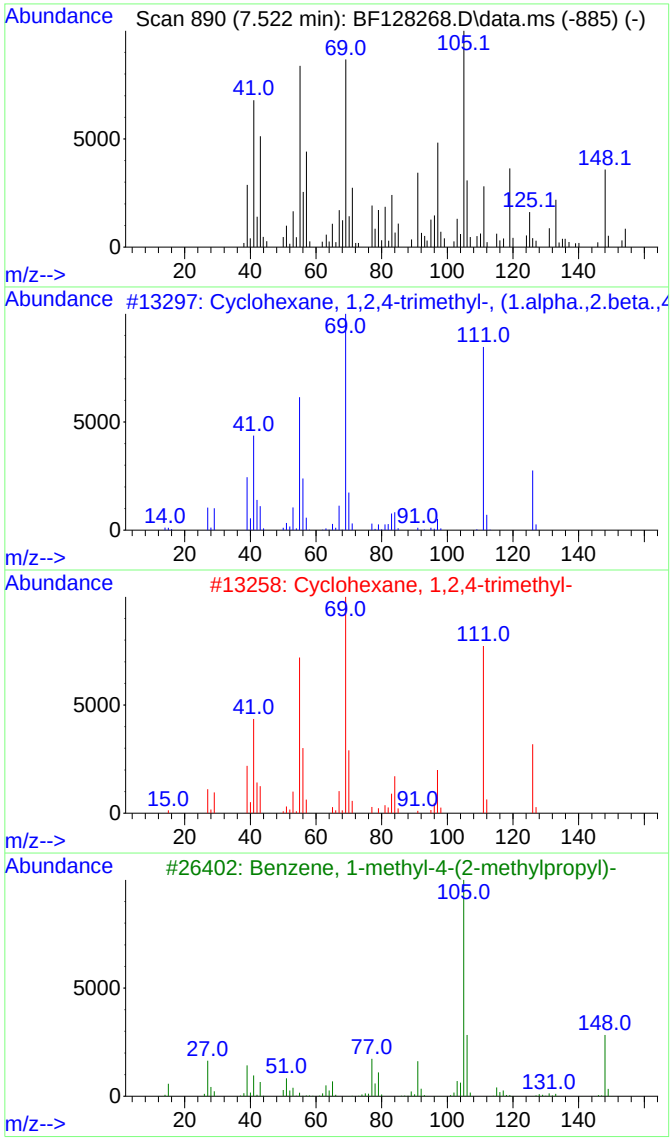
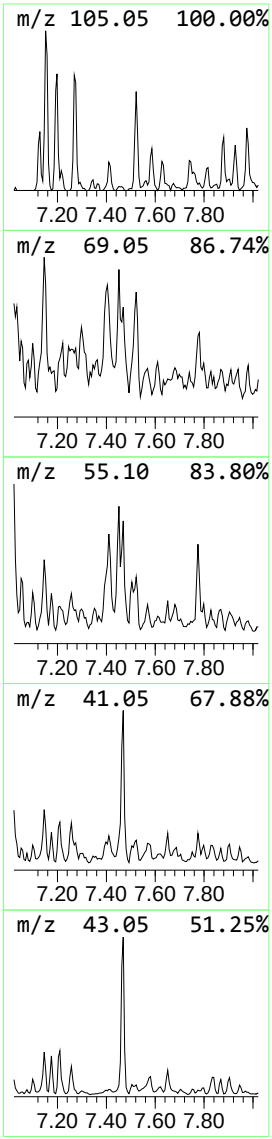
Peak Number 10 unknown7.522 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	4.65 ng	146525	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	30
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	25
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	25
5	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	25





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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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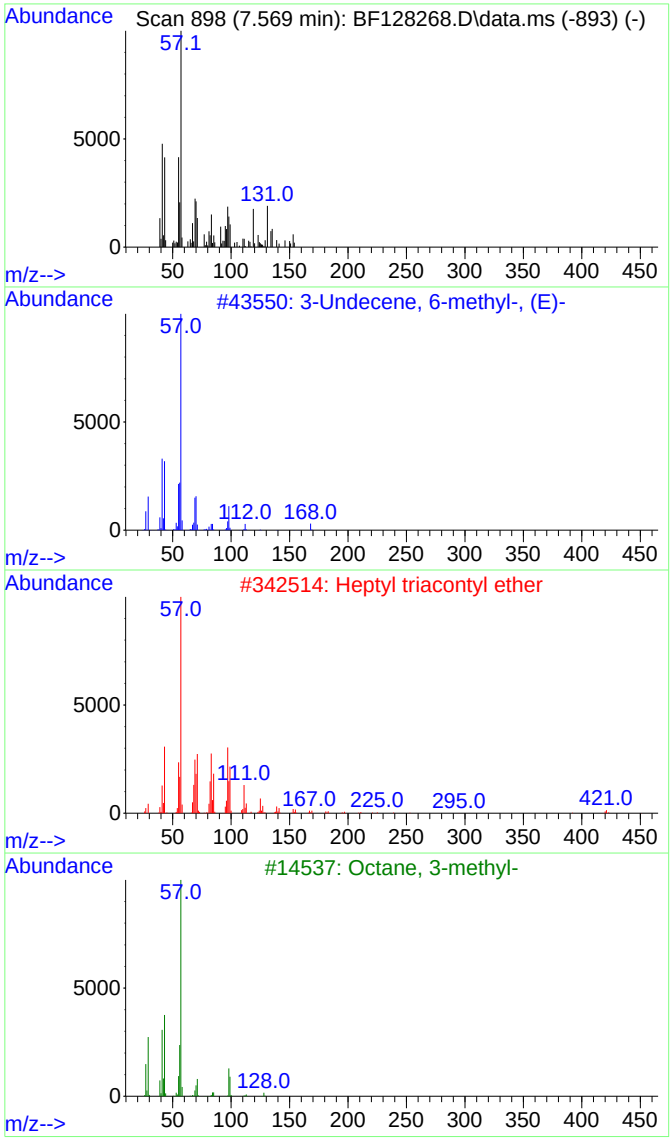
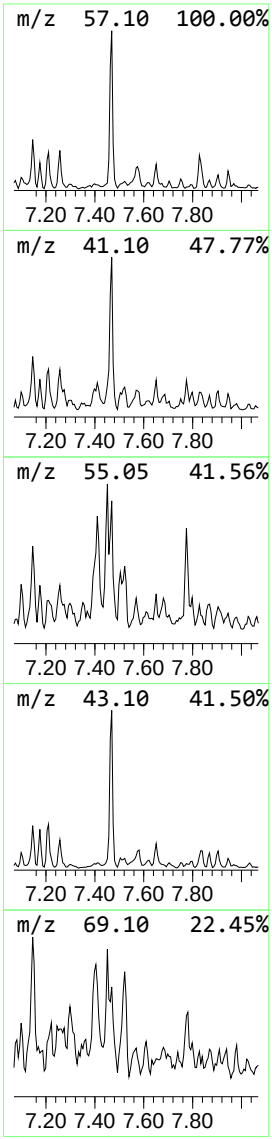
Peak Number 11 unknown7.569 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.569	4.19 ng	129634	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	43
2	Heptyl triacontyl ether	537	C37H76O	1000406-40-1	40
3	Octane, 3-methyl-	128	C9H20	002216-33-3	38
4	5(4H)-Oxazolone, 2-(1,1-dimethyl...	141	C7H11NO2	081375-96-4	38
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	35





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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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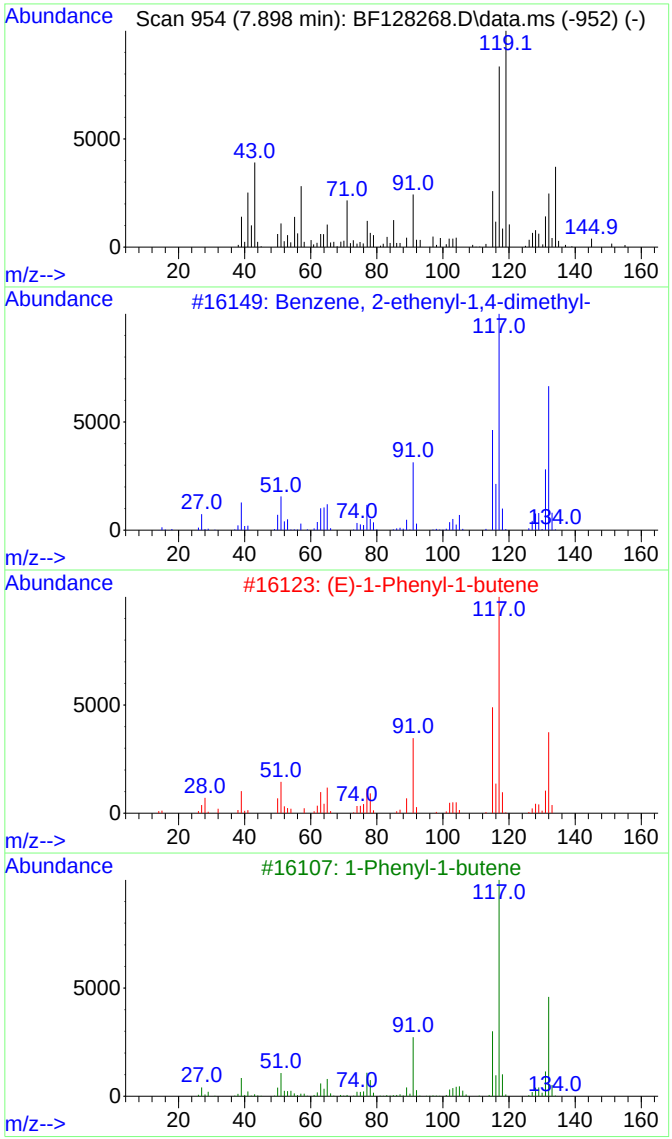
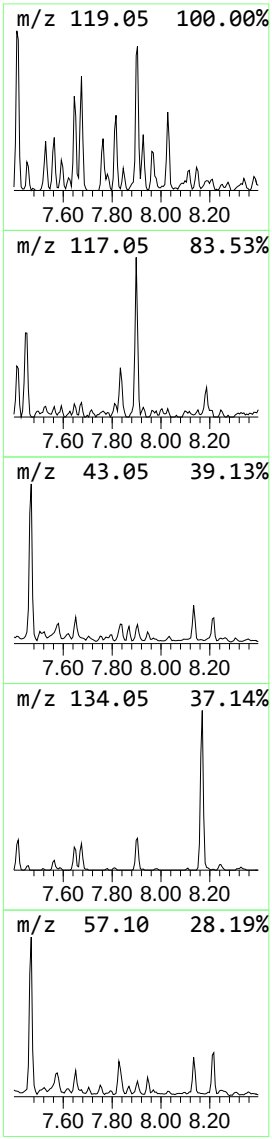
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.898	3.79 ng	117393	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	55
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	52
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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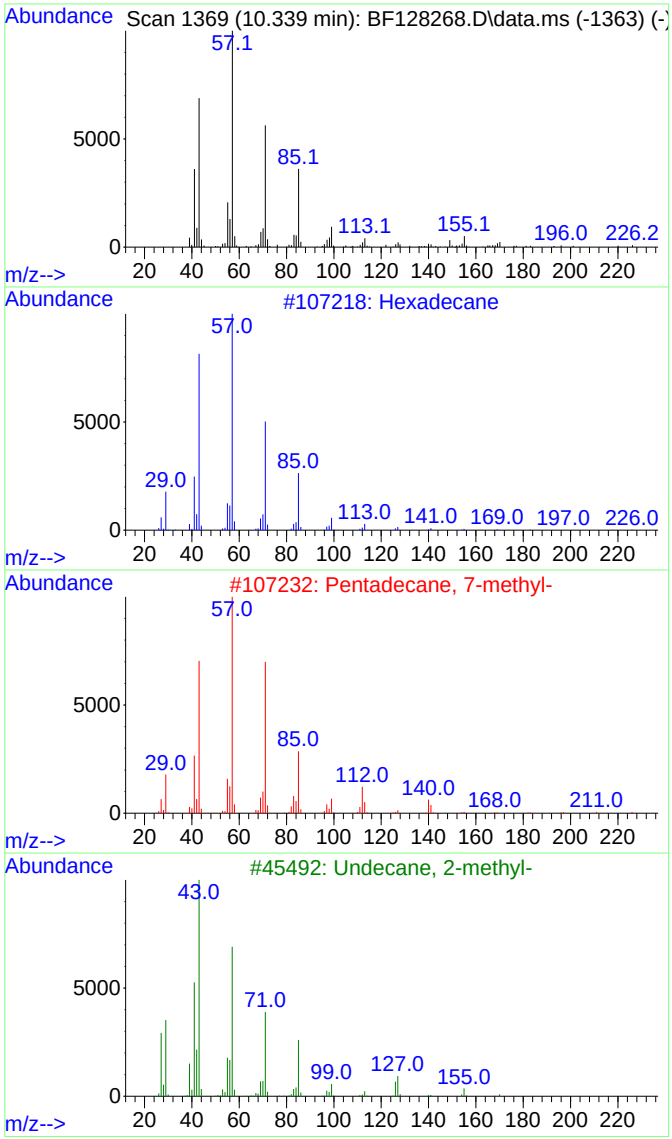
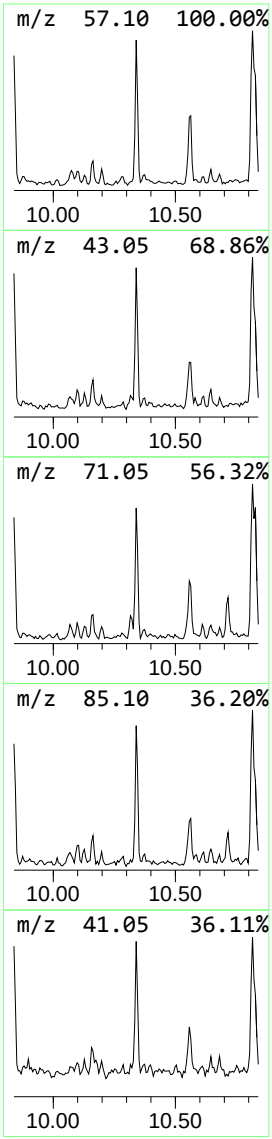
Peak Number 13 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	4.82 ng	133581	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	86





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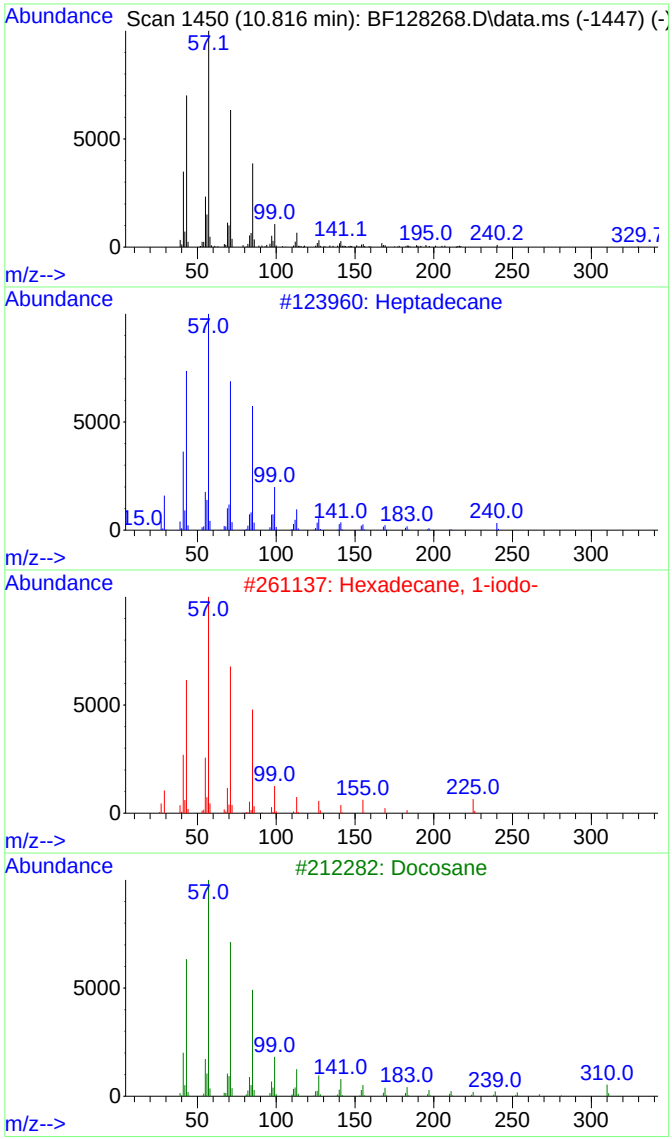
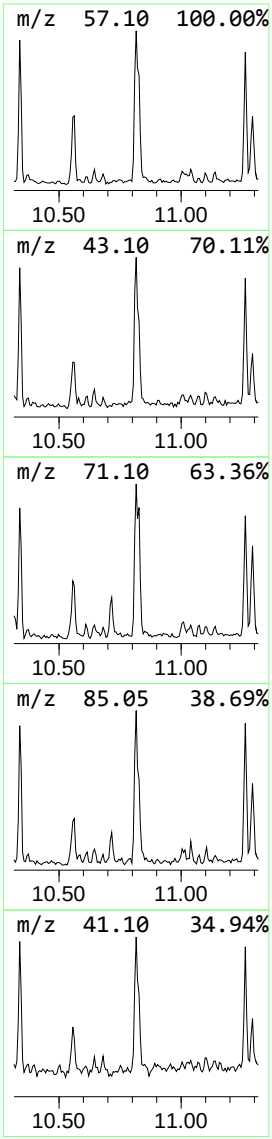
Peak Number 14 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	8.52 ng	243944	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Docosane	310	C22H46	000629-97-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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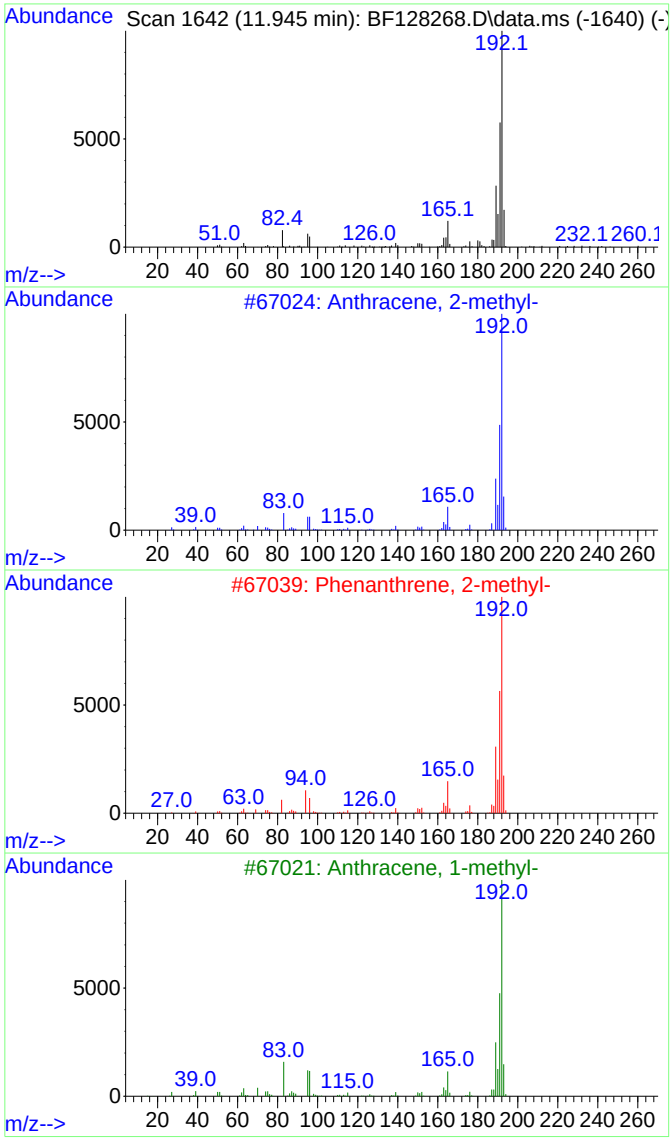
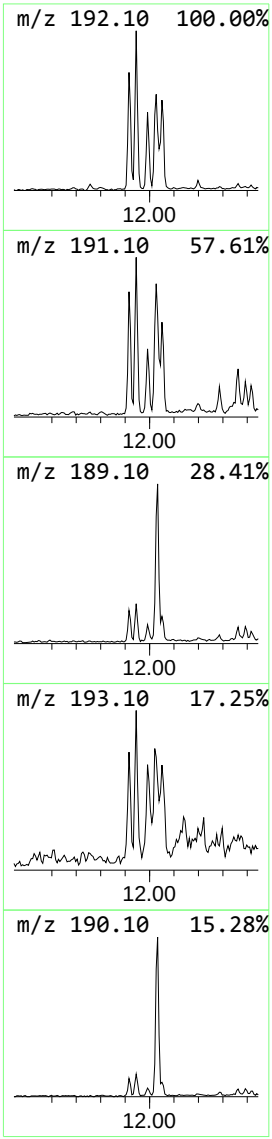
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.74 ng	107224	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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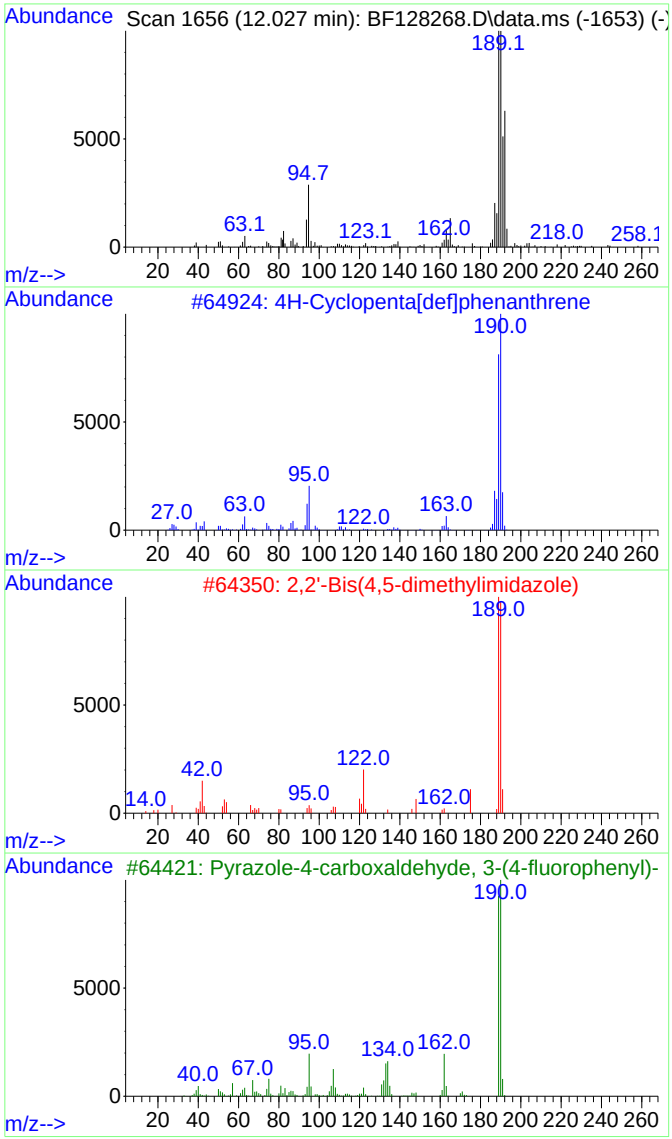
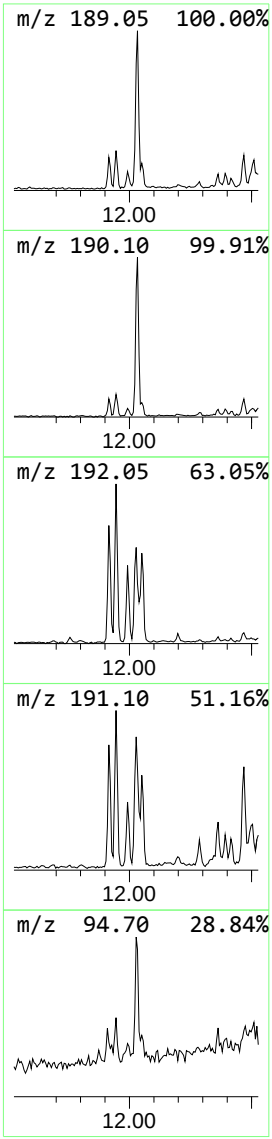
****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	6.25 ng	178903	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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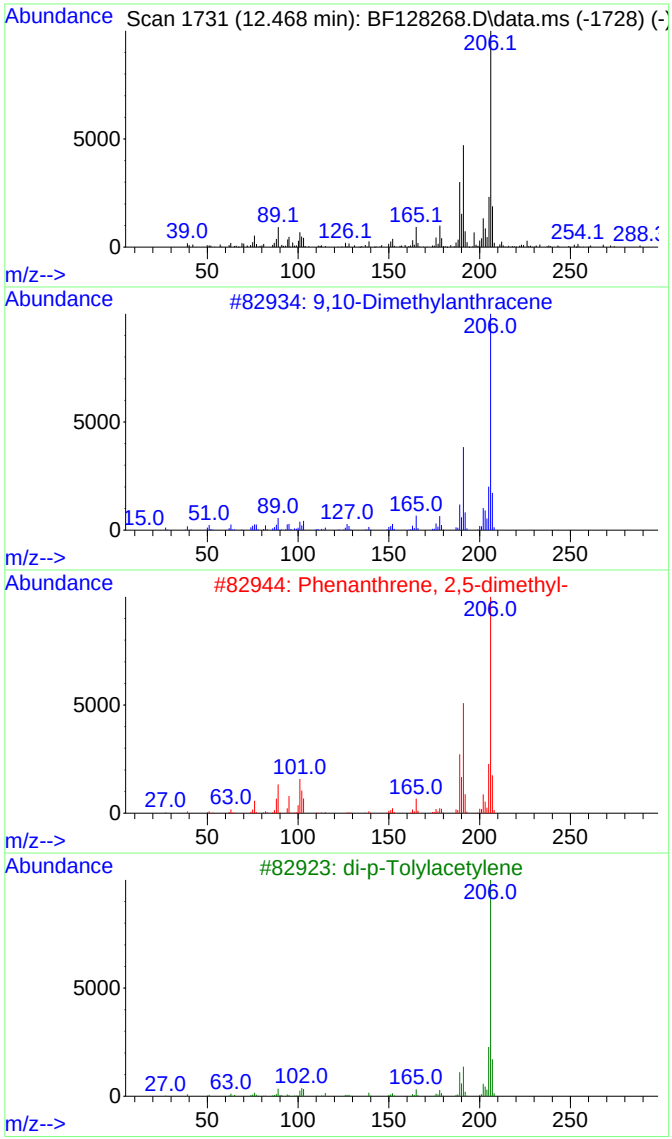
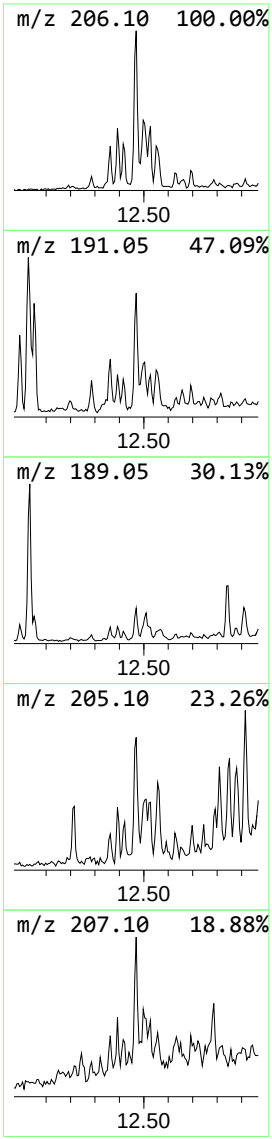
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.05 ng	115854	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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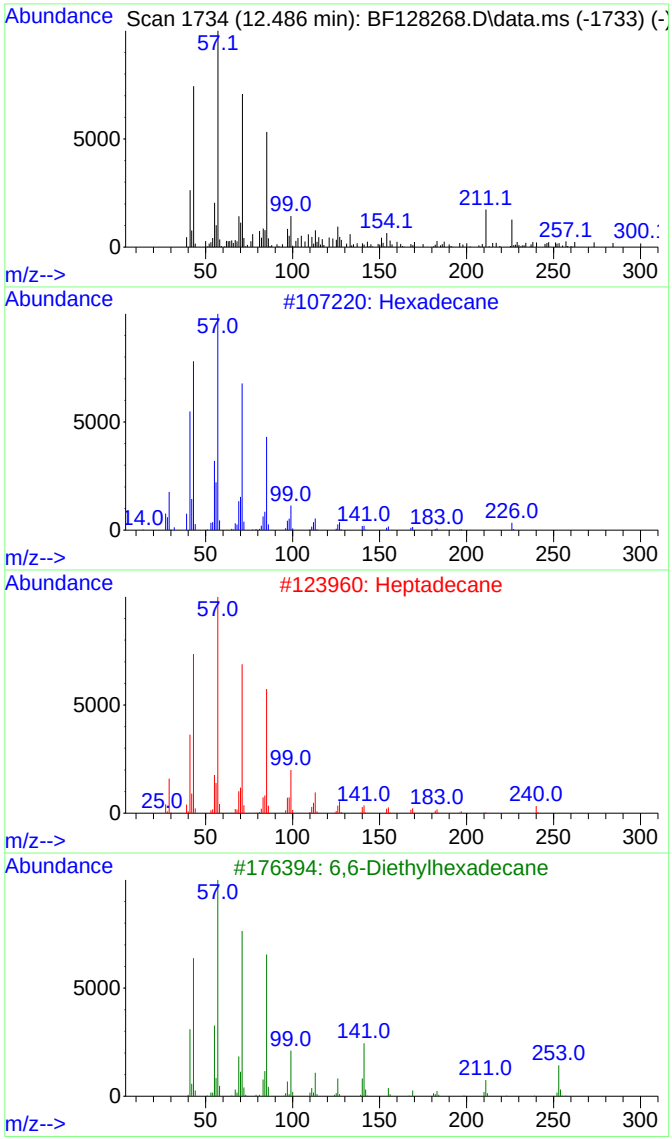
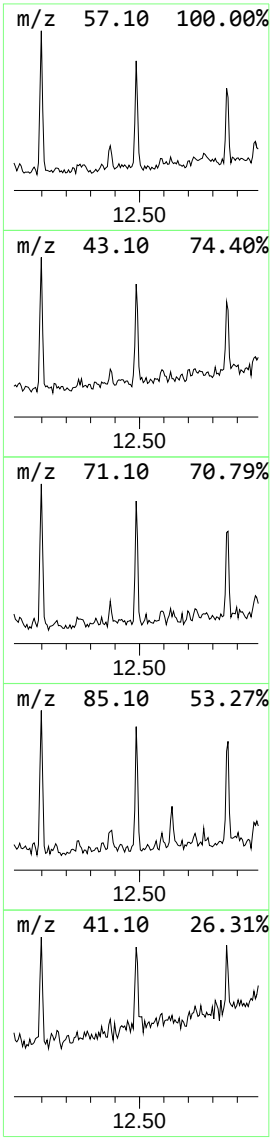
Peak Number 18 6,6-Diethylhexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.03 ng	115391	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	6,6-Diethylhexadecane	282	C20H42	1000360-41-4	80
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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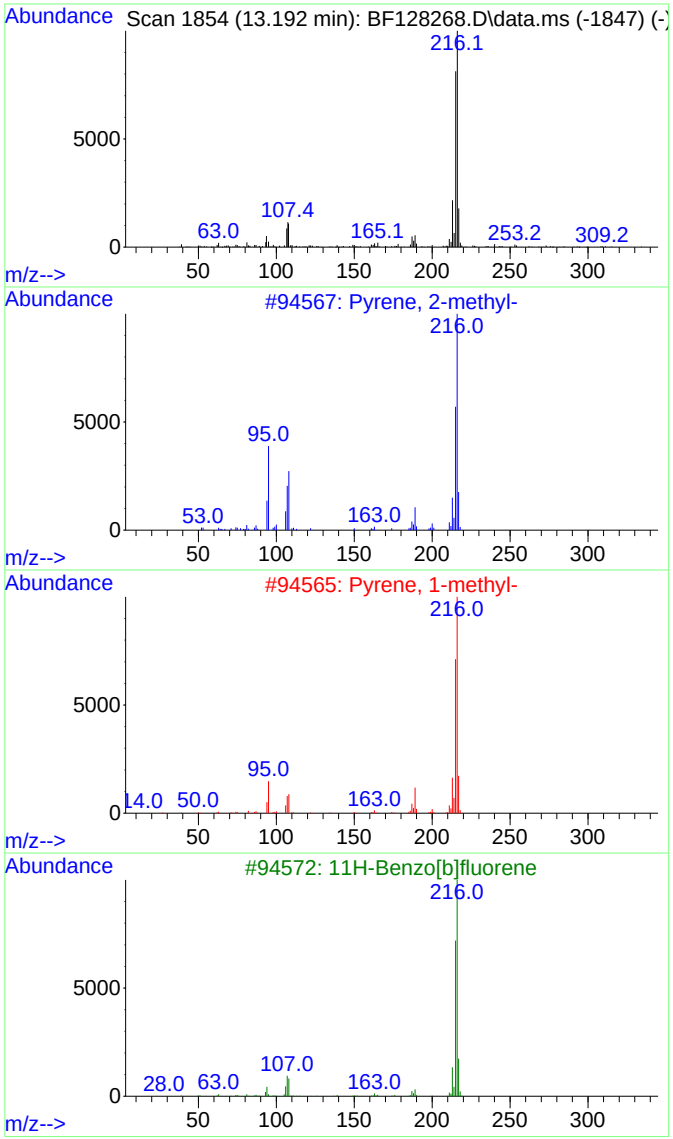
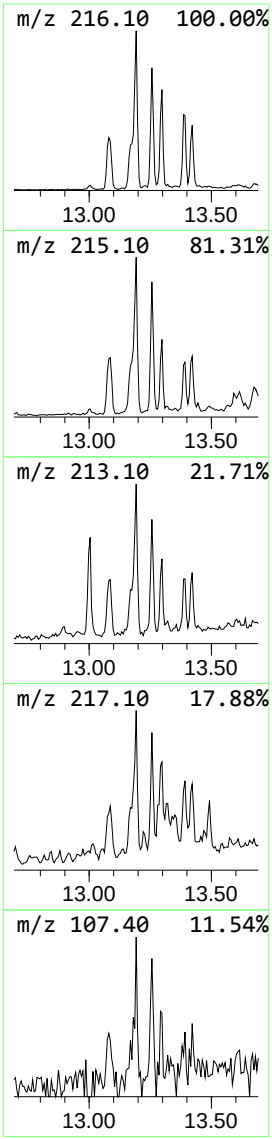
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	5.57 ng	308845	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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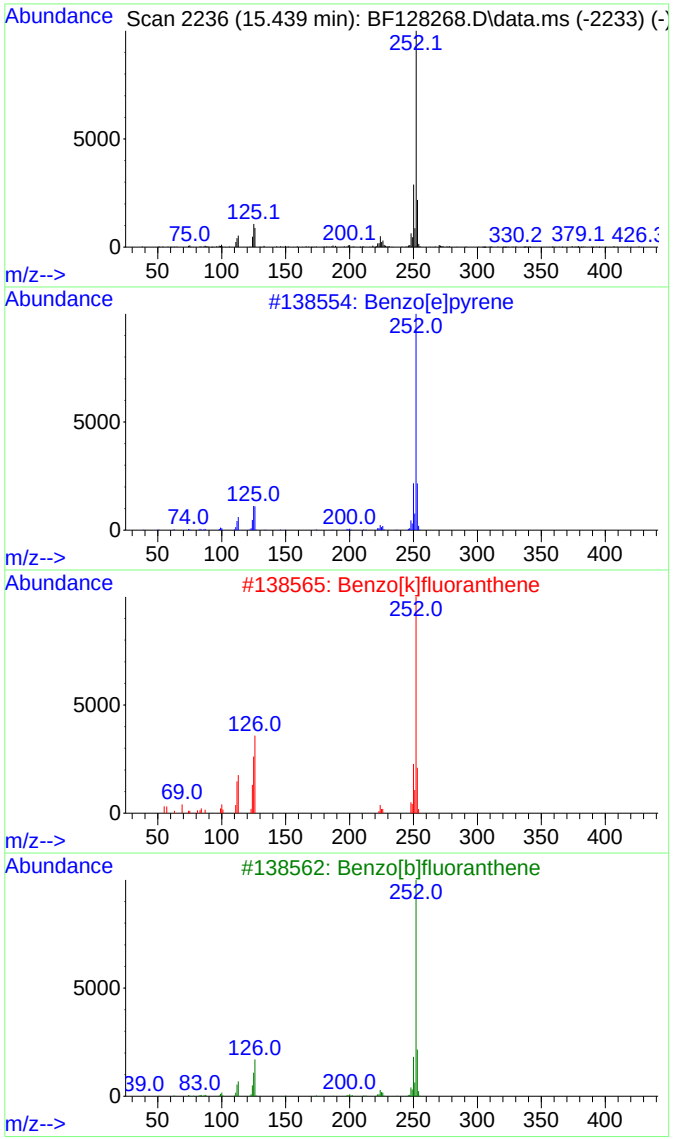
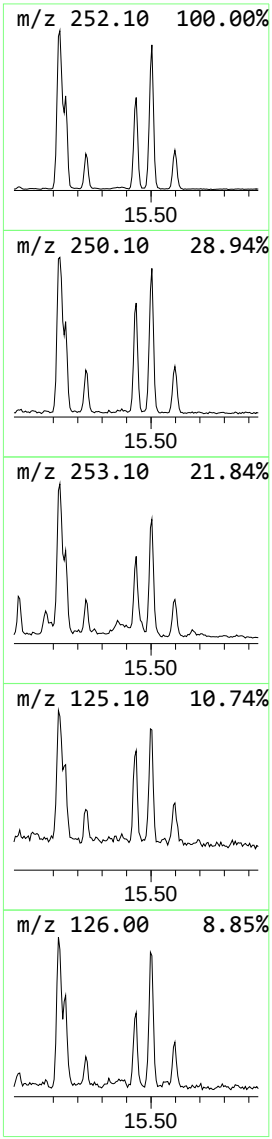
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	14.24 ng	294463	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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
Nonane	5.781	4.0	ng	124737	1	6.886	630788	20.0
Octane, 2,6-dim...	6.122	9.3	ng	294215	1	6.886	630788	20.0
Decane, 2,5,6-t...	6.310	4.0	ng	125740	1	6.886	630788	20.0
2-Hexyl-1-octanol	6.404	8.4	ng	264857	1	6.886	630788	20.0
Cyclohexane, 1-...	6.616	4.8	ng	150029	1	6.886	630788	20.0
Decane	6.704	11.0	ng	347251	1	6.886	630788	20.0
Cyclohexane, (2...	7.022	5.6	ng	175908	1	6.886	630788	20.0
unknown7.145	7.145	5.9	ng	186719	1	6.886	630788	20.0
Decane, 2-methyl-	7.204	5.3	ng	167780	1	6.886	630788	20.0
unknown7.522	7.522	4.7	ng	146525	1	6.886	630788	20.0
unknown7.569	7.569	4.2	ng	129634	2	8.169	619469	20.0
Benzene, 2-ethe...	7.898	3.8	ng	117393	2	8.169	619469	20.0
Hexadecane	10.339	4.8	ng	133581	3	9.922	554824	20.0
Heptadecane	10.816	8.5	ng	243944	4	11.416	572664	20.0
Anthracene, 2-m...	11.945	3.7	ng	107224	4	11.416	572664	20.0
4H-Cyclopenta[d...	12.027	6.3	ng	178903	4	11.416	572664	20.0
9,10-Dimethylan...	12.469	4.0	ng	115854	4	11.416	572664	20.0
6,6-Diethylhexa...	12.486	4.0	ng	115391	4	11.416	572664	20.0
Pyrene, 2-methyl-	13.192	5.6	ng	308845	5	14.068	1109560	20.0
Benzo[e]pyrene	15.439	14.2	ng	294463	6	15.562	413674	20.0