LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	521	524	528	rBV	180900	164888	1.44%	0.227%
2	5.475	538	542	547	rBV	557488	720692	6.29%	0.991%
3	5.522	547	550	556	rVB	3020747	2623323	22.90%	3.606%
4	5.734	581	586	589	rVB	272376	253317	2.21%	0.348%
5	5.834	600	603	611	rBV	265058	254126	2.22%	0.349%
6	6.404	697	700	703	rBV	174461	142621	1.25%	0.196%
7	6.481	710	713	716	rBV	299579	236887	2.07%	0.326%
8	6.528	717	721	725	rBV	2025421	1801707	15.73%	2.477%
9	6.704	748	751	755	rBV	565102	450660	3.93%	0.620%
10	6.881	778	781	784	rBV	1365399	1151364	10.05%	1.583%
11	6.940	787	791	795	rVV2	165871	231293	2.02%	0.318%
12	6.975	795	797	802	rVB	175104	150842	1.32%	0.207%
13	7.063	808	812	816	rBV	329233	276858	2.42%	0.381%
14	7.140	821	825	831	rVB	1251160	1224104	10.69%	1.683%
15	7.451	873	878	881	rVB	3674942	3645359	31.82%	5.011%
16	7.834	941	943	947	rVB	139624	120580	1.05%	0.166%
17	7.910	947	956	960	rBV3	530442	733728	6.41%	1.009%
18	7.951	960	963	969	rVB	438852	615454	5.37%	0.846%
19	8.034	974	977	980	rBV	189855	166276	1.45%	0.229%
20	8.198	991	1005	1008	rBV2	8806519	11454682	100.00%	15.747%
21	8.239	1008	1012	1015	rVB	314187	270977	2.37%	0.373%
22	8.445	1043	1047	1052	rVB	458985	379454	3.31%	0.522%
23	8.669	1083	1085	1089	rVB2	104062	124949	1.09%	0.172%
24	8.881	1116	1121	1124	rBV	3191088	2782356	24.29%	3.825%
25	8.981	1133	1138	1141	rBV	3569501	3062608	26.74%	4.210%
26	9.245	1177	1183	1186	rVV	6900082	6128259	53.50%	8.425%
27	9.345	1196	1200	1205	rVB	963417	856080	7.47%	1.177%
28	9.422	1209	1213	1214	rBV3	109139	116737	1.02%	0.160%
29	9.439	1214	1216	1221	rVB	316576	353539	3.09%	0.486%
30	9.510	1222	1228	1231	rBV	465936	638880	5.58%	0.878%
31	9.581	1236	1240	1243	rVV	973811	968656	8.46%	1.332%
32	9.610	1243	1245	1249	rVB2	541829	448727	3.92%	0.617%
33	9.698	1254	1260	1266	rBV	517486	583993	5.10%	0.803%
34	9.786	1271	1275	1278	rVB	703240	665412	5.81%	0.915%
35	9.904	1289	1295	1296	rBV2	290889	291931	2.55%	0.401%
36	9.928	1296	1299	1301	rVV	1909119	1614600	14.10%	2.220%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HMGP-WATER-1

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.957	1301	1304	1307	rVB	2360451	2049979	17.90%	2.818%
38	10.028	1313	1316	1320	rBV	168561	191118	1.67%	0.263%
39	10.128	1329	1333	1337	rVV2	701543	673809	5.88%	0.926%
40	10.163	1337	1339	1344	rVB	174257	155747	1.36%	0.214%
41	10.239	1347	1352	1355	rBV2	205500	255478	2.23%	0.351%
42	10.322	1361	1366	1369	rBV2	154131	221614	1.93%	0.305%
43	10.381	1373	1376	1378	rBV	260827	203680	1.78%	0.280%
44	10.422	1378	1383	1385	rBV3	127844	170947	1.49%	0.235%
45	10.445	1385	1387	1389	rVV	205241	142411	1.24%	0.196%
46	10.475	1389	1392	1397	rVB	1844090	1664519	14.53%	2.288%
47	10.522	1397	1400	1402	rBV	169108	167560	1.46%	0.230%
48	10.586	1408	1411	1413	rVB	188649	150960	1.32%	0.208%
49	10.698	1427	1430	1431	rBV	403119	344088	3.00%	0.473%
50	10.722	1431	1434	1437	rVB	3750235	3389187	29.59%	4.659%
51	10.845	1448	1455	1459	rVB4	176697	265519	2.32%	0.365%
52	11.022	1480	1485	1488	rVB	313039	399294	3.49%	0.549%
53	11.051	1488	1490	1492	rBV	213944	157436	1.37%	0.216%
54	11.104	1497	1499	1502	rVB	239750	202317	1.77%	0.278%
55	11.222	1514	1519	1523	rVB2	141886	212272	1.85%	0.292%
56	11.310	1529	1534	1537	rBV3	176335	201606	1.76%	0.277%
57	11.416	1549	1552	1554	rBV	1472678	1386304	12.10%	1.906%
58	11.445	1554	1557	1560	rVV	3441231	2805877	24.50%	3.857%
59	11.492	1562	1565	1568	rVV	866262	645975	5.64%	0.888%
60	11.528	1568	1571	1574	rVV2	166161	164285	1.43%	0.226%
61	11.575	1576	1579	1584	rVB	123313	139466	1.22%	0.192%
62	11.651	1588	1592	1599	rVB	241951	241658	2.11%	0.332%
63	11.710	1599	1602	1606	rBV	164041	139868	1.22%	0.192%
64	11.798	1614	1617	1619	rBV	166251	130320	1.14%	0.179%
65	11.922	1634	1638	1639	rBV	278627	289755	2.53%	0.398%
66	11.945	1639	1642	1645	rVV	299493	341308	2.98%	0.469%
67	11.992	1648	1650	1653	rVV	178044	147013	1.28%	0.202%
68	12.033	1653	1657	1659	rVV	700042	673897	5.88%	0.926%
69	12.051	1659	1660	1665	rVB2	203507	208215	1.82%	0.286%
70	12.210	1685	1687	1690	rVB	149137	129642	1.13%	0.178%
71	12.504	1733	1737	1740	rVV3	342154	337469	2.95%	0.464%
72	12.633	1755	1759	1762	rBV	860710	707959	6.18%	0.973%
73	12.727	1772	1775	1778	rBV	172817	139148	1.21%	0.191%
74	12.863	1792	1798	1804	rBV	923907	874361	7.63%	1.202%
75	13.004	1818	1822	1825	rBV	4577841	4040347	35.27%	5.554%
76	13.898	1970	1974	1984	rBV	190618	302543	2.64%	0.416%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.063	1998	2002	2005	rBV	1047894	929461	8.11%	1.278%
78	15.557	2251	2256	2262	rVB	828618	1041480	9.09%	1.432%

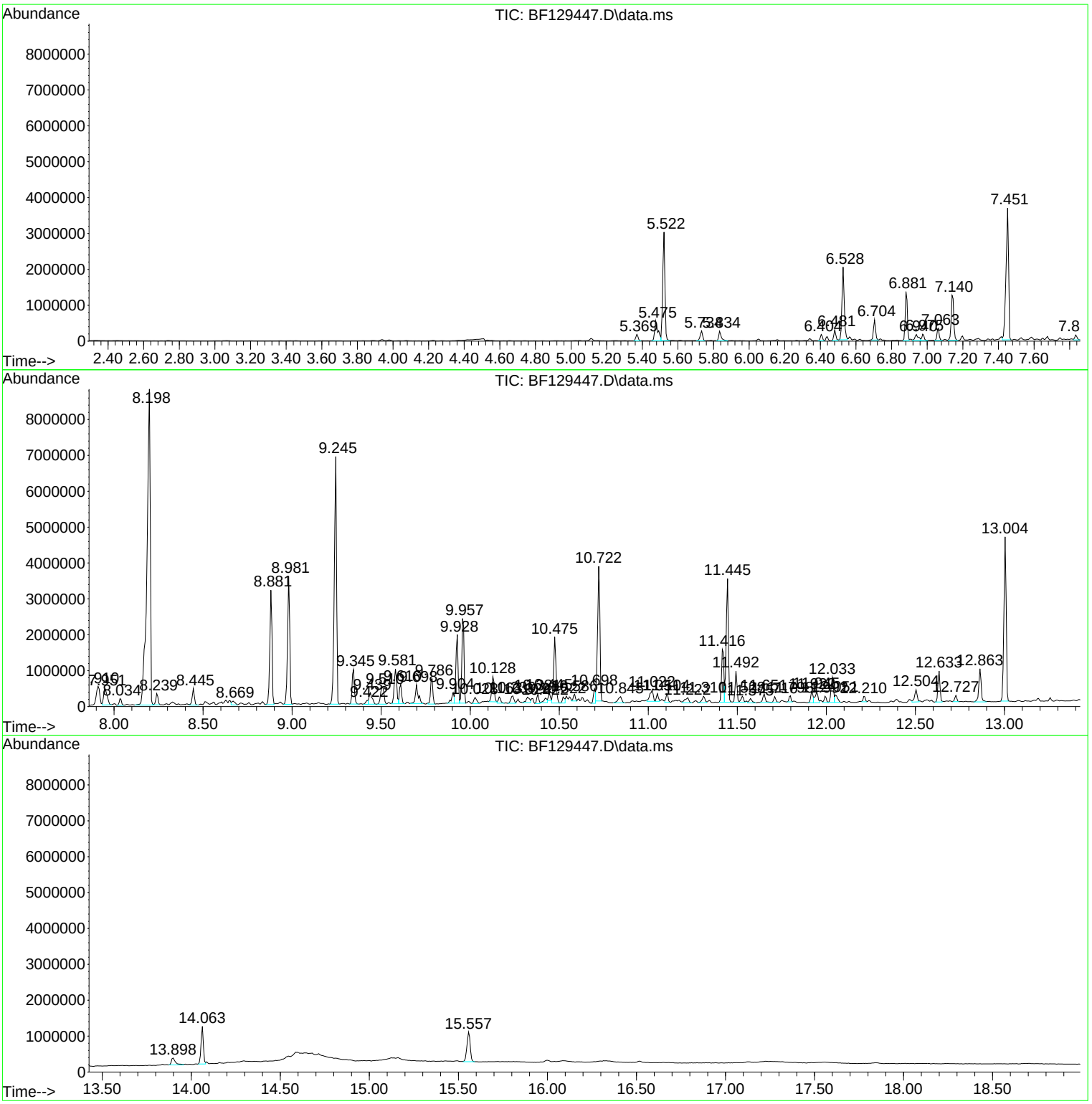
Sum of corrected areas: 72741811

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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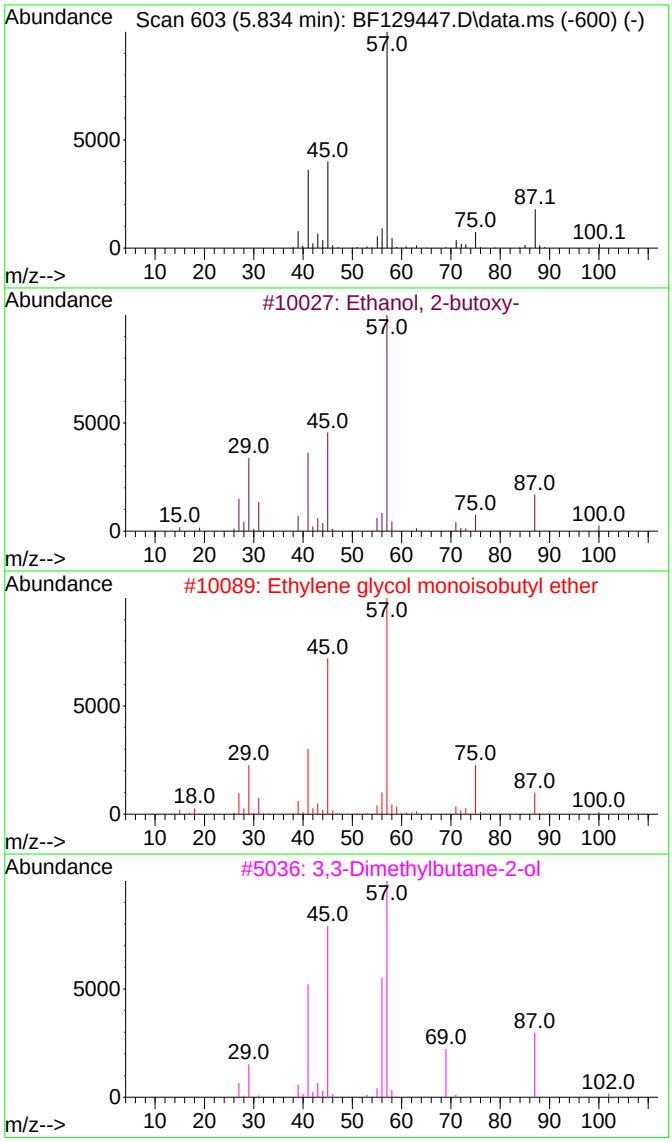
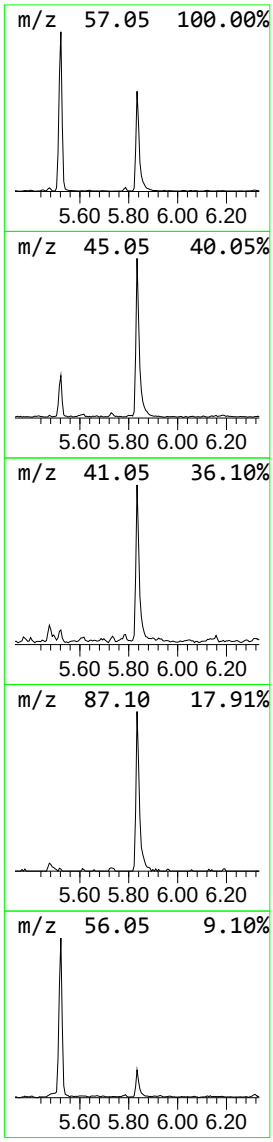
Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	4.41 ng	254126	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
5	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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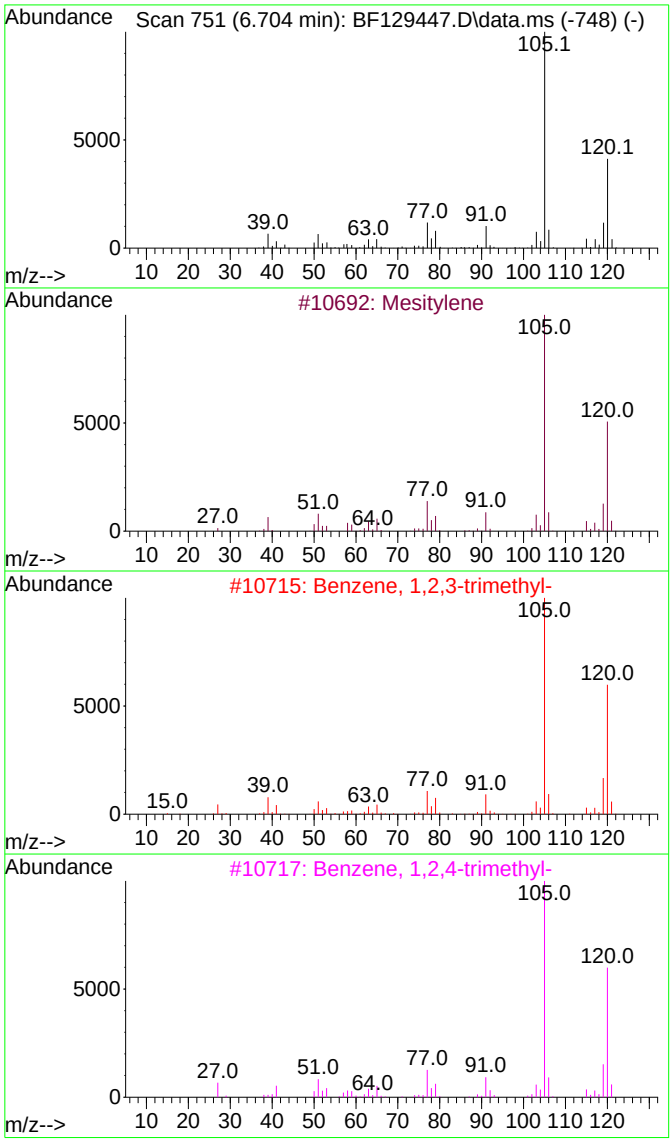
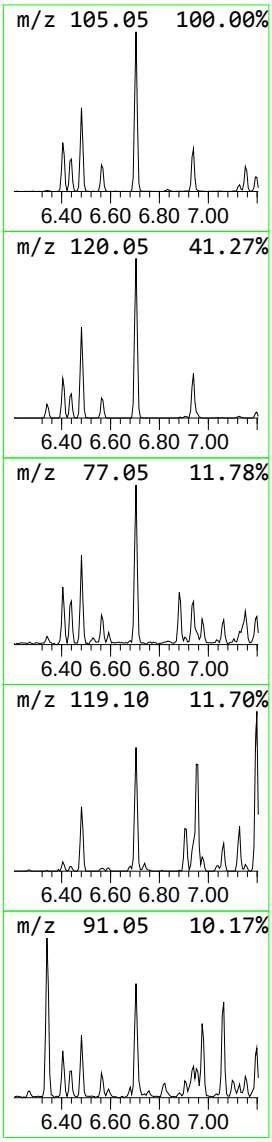
Peak Number 3 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	7.83 ng	450660	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

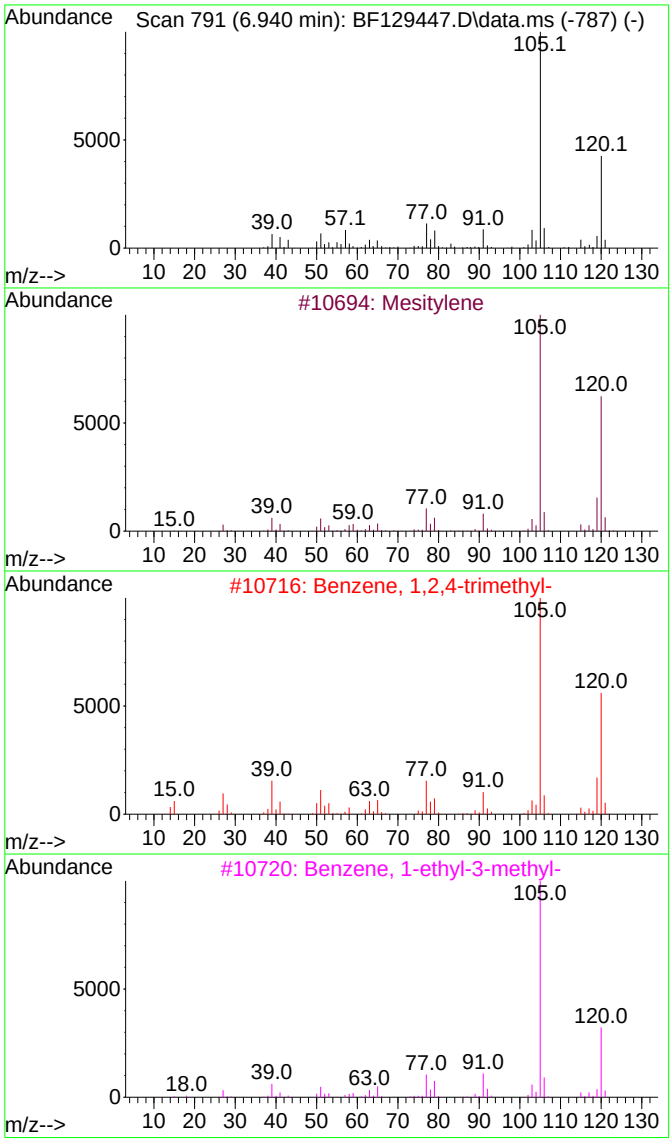
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

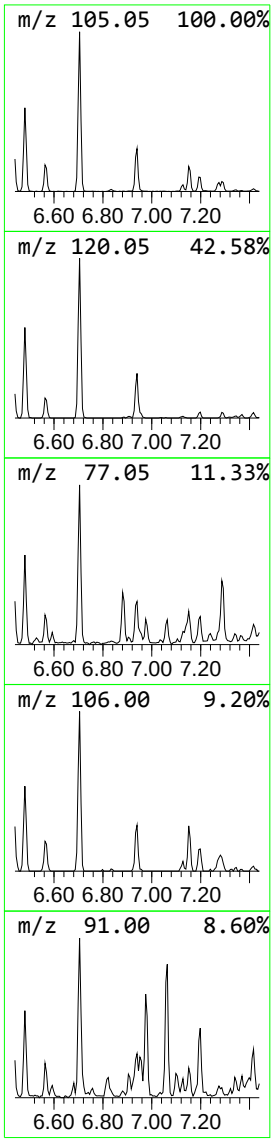
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	4.02 ng	231293	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	90
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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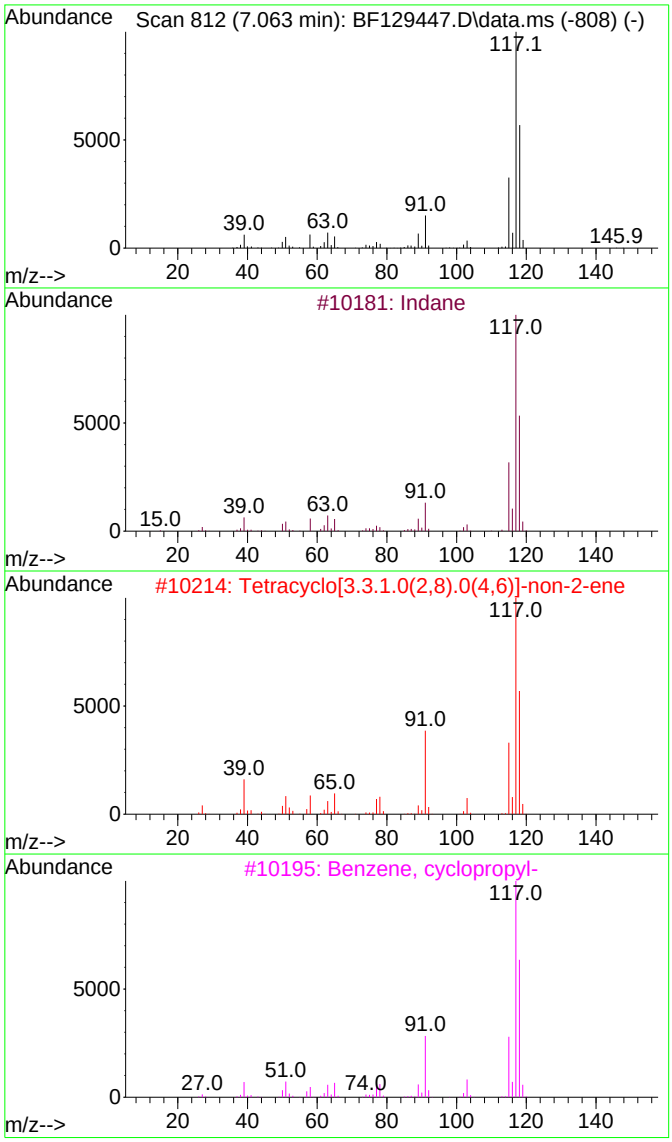
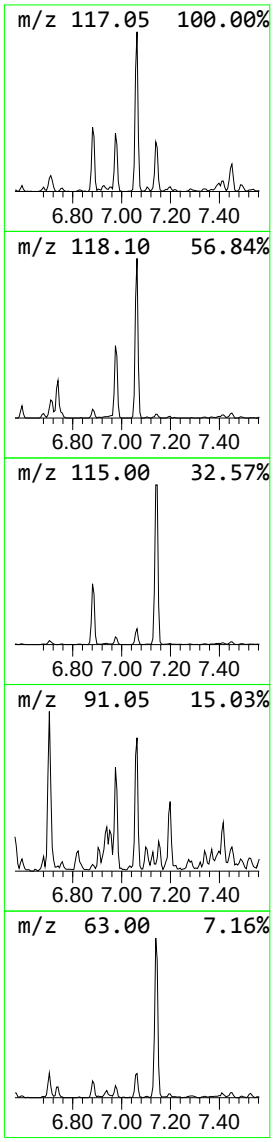
Peak Number 5 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	4.81 ng	276858	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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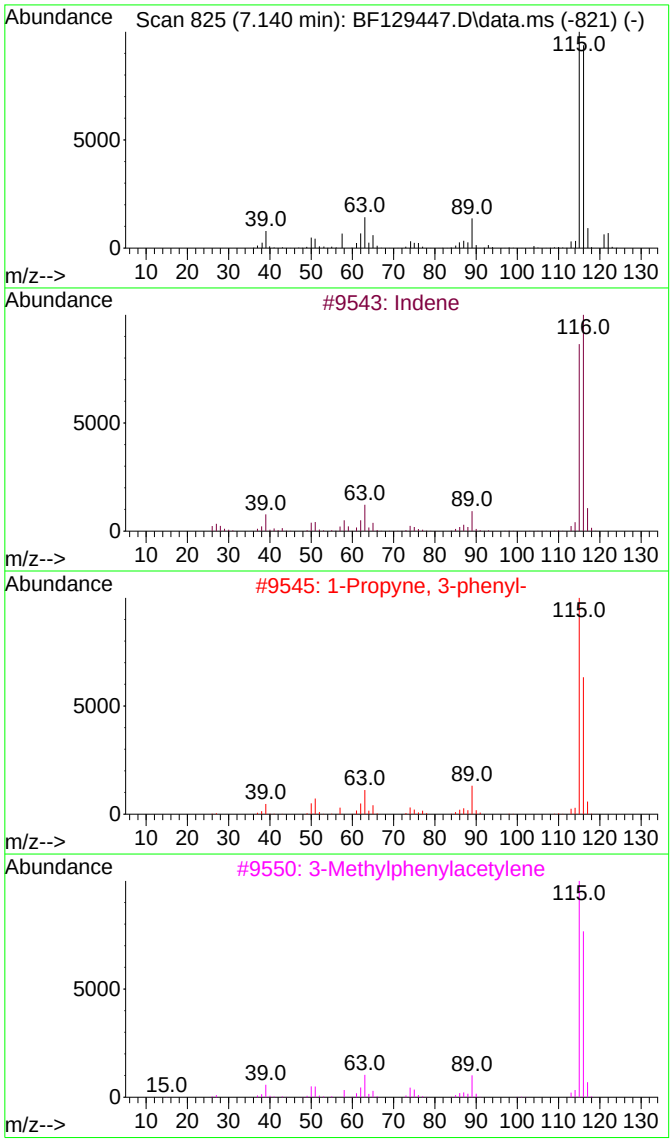
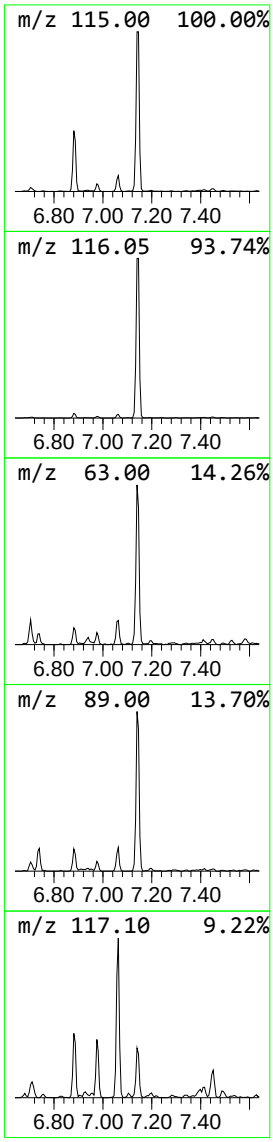
Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	21.26 ng	1224100	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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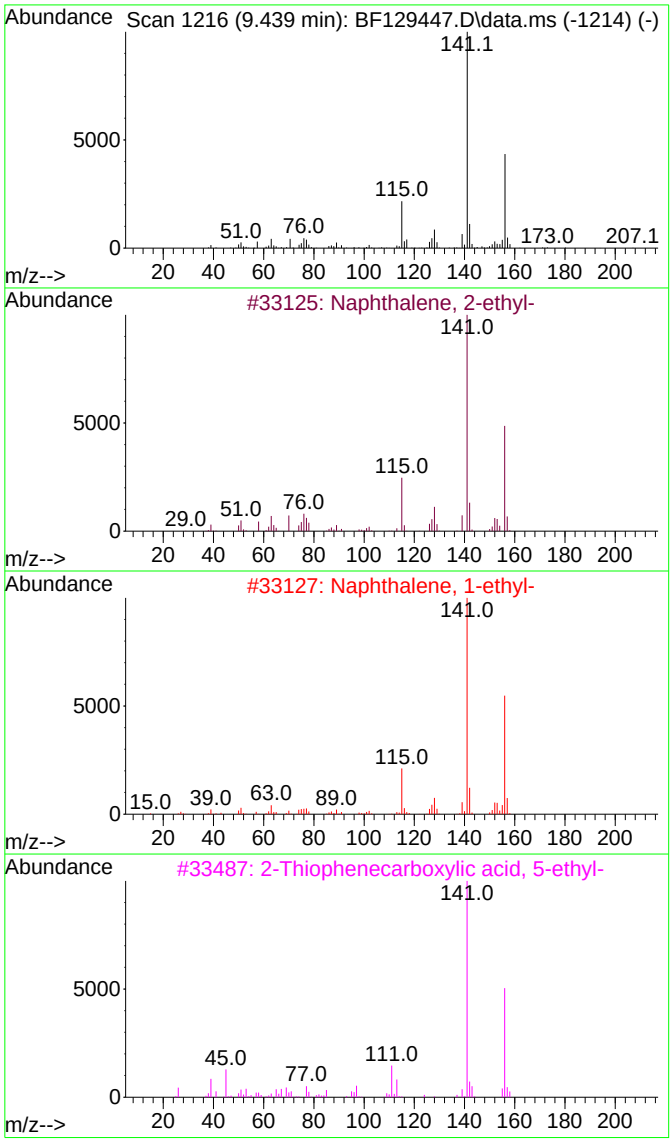
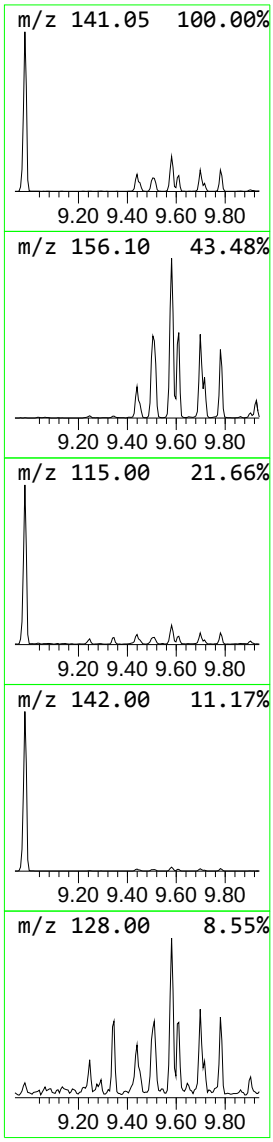
Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	4.38 ng	353539	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	59
5	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	59





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Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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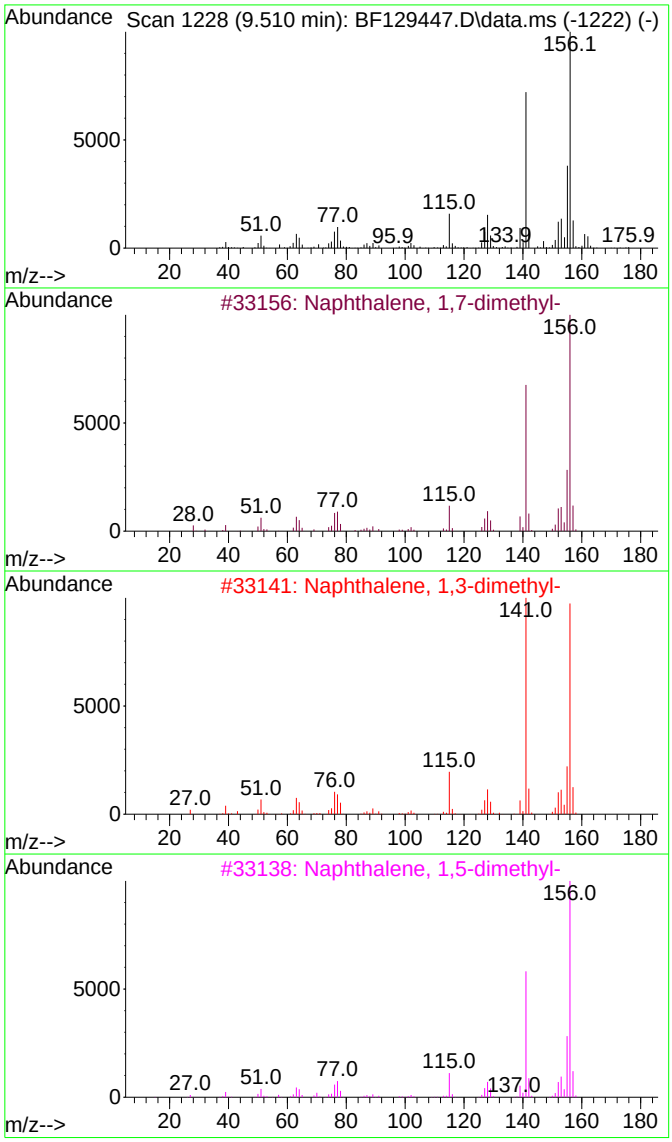
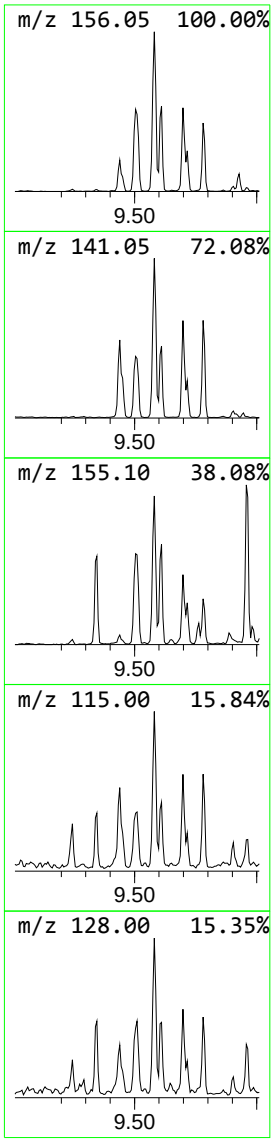
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	7.91 ng	638880	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HMGP-WATER-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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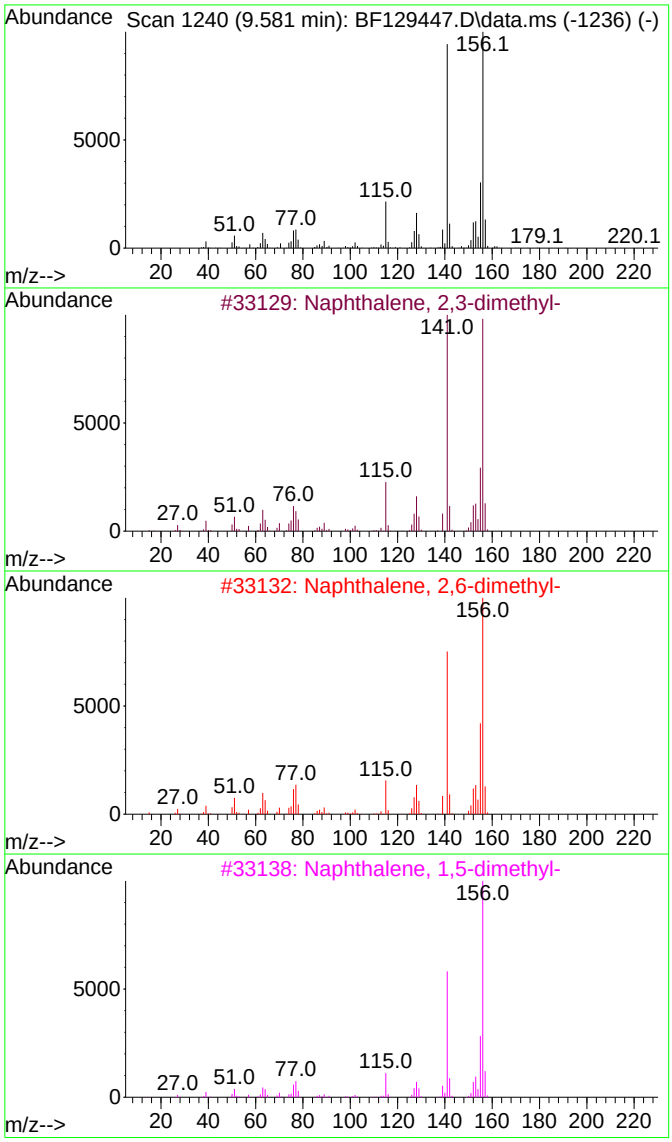
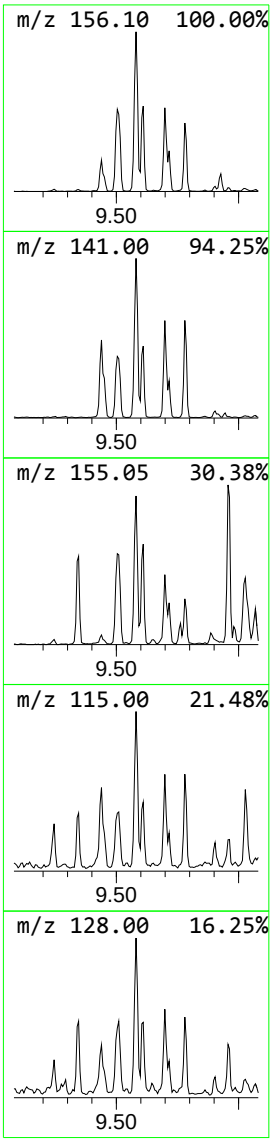
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	12.00 ng	968656	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HMGP-WATER-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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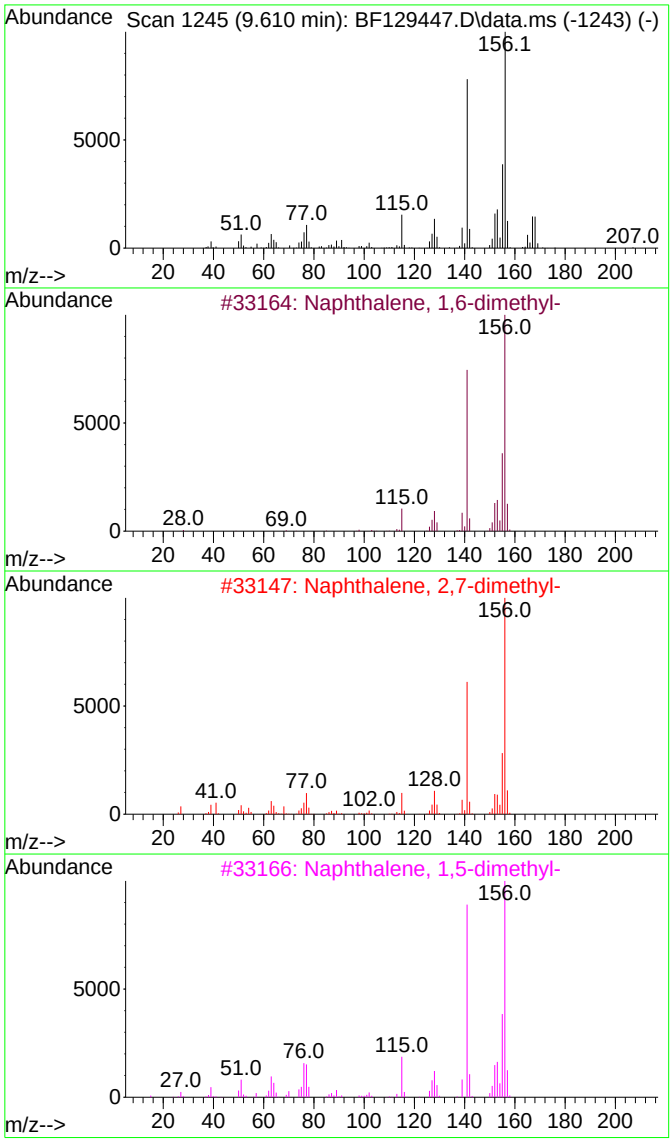
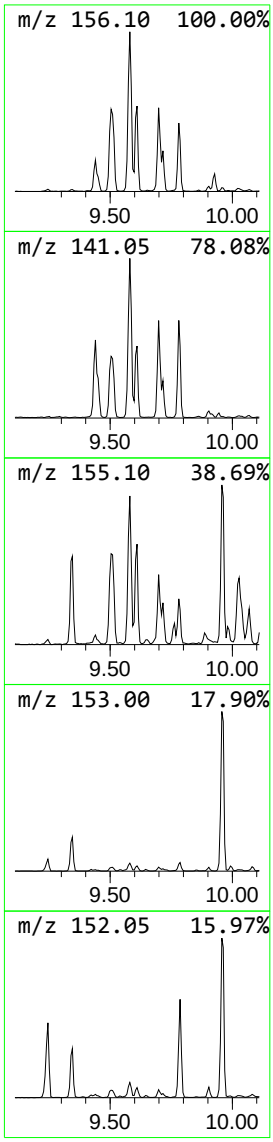
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	5.56 ng	448727	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





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Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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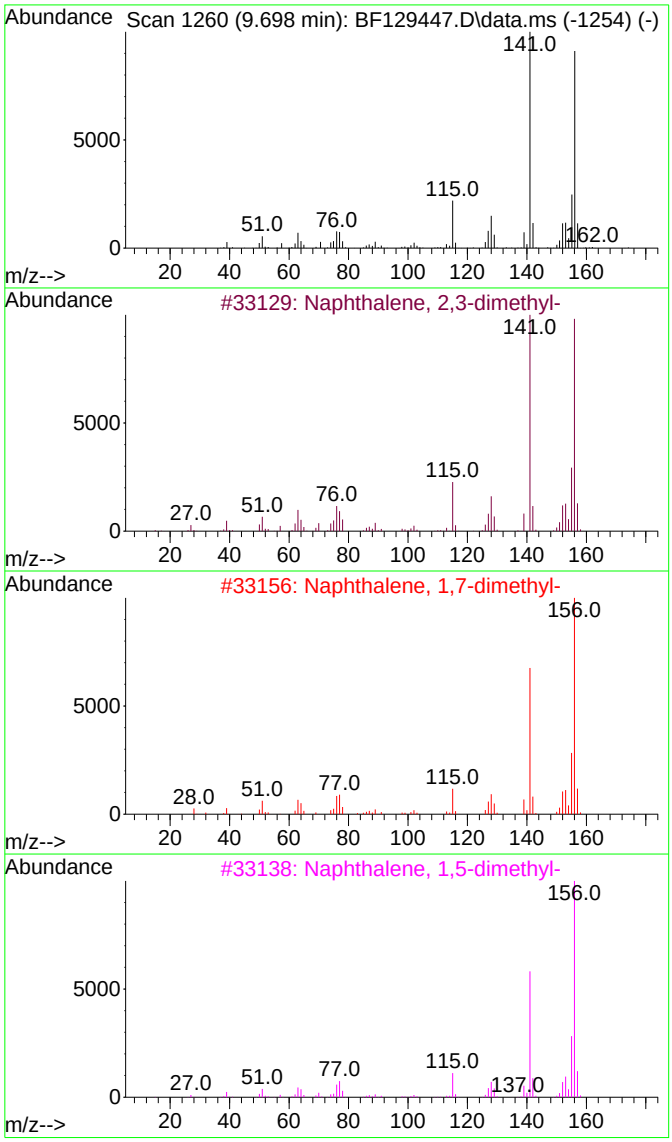
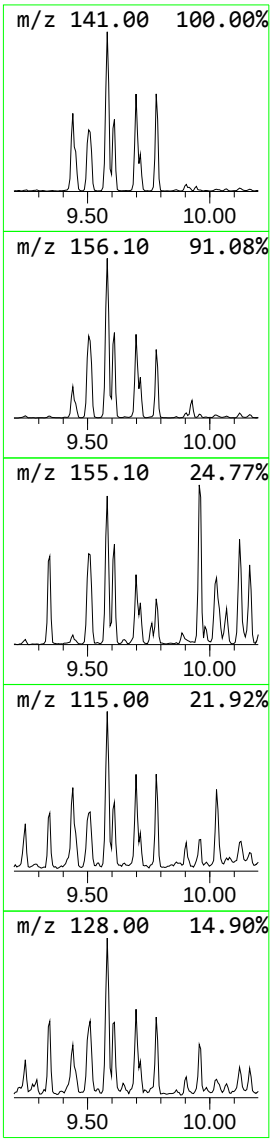
Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	7.23 ng	583993	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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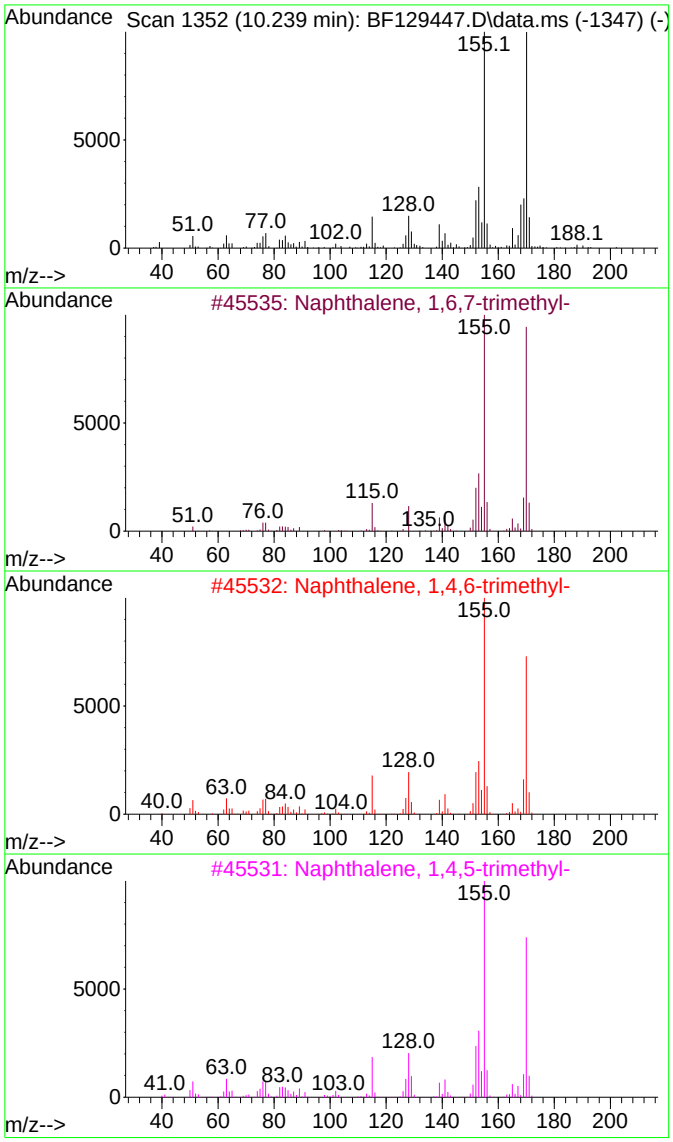
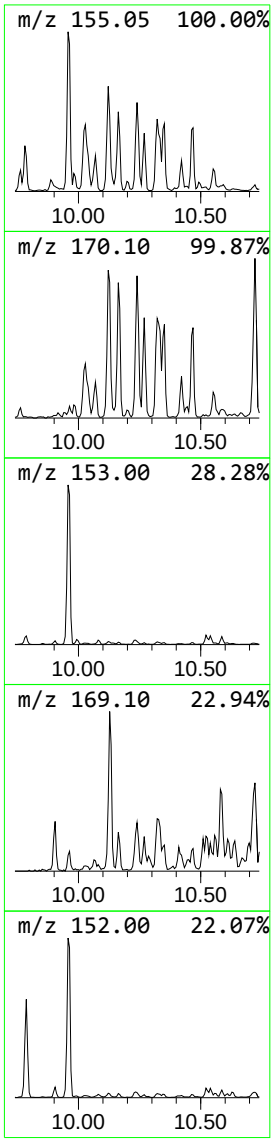
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	3.16 ng	255478	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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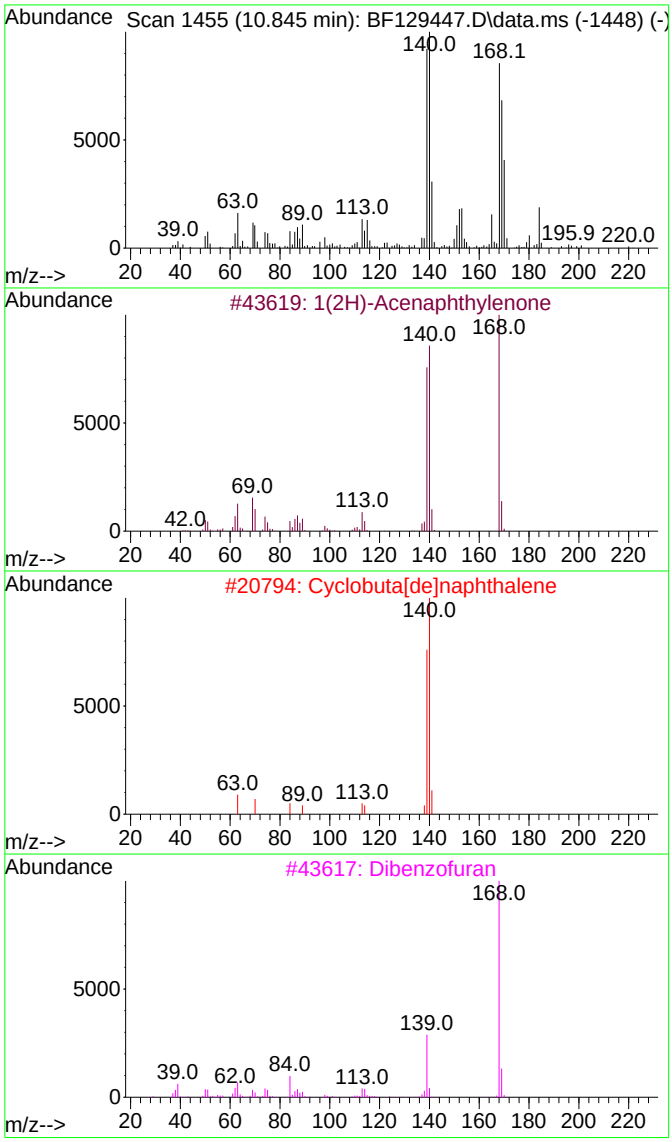
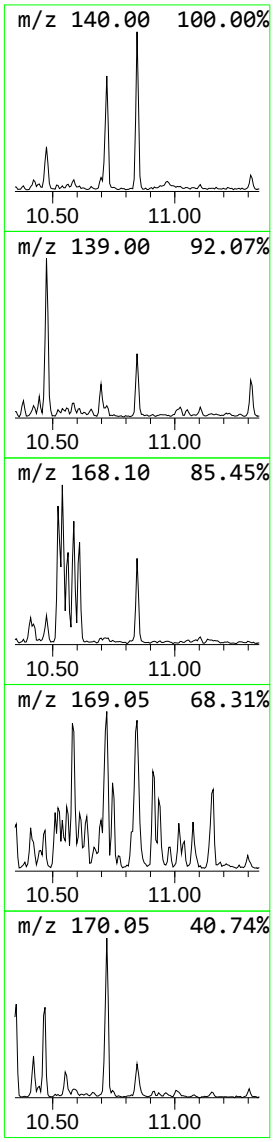
Peak Number 13 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	3.83 ng	265519	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	92
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
3	Dibenzofuran	168	C12H8O	000132-64-9	38
4	1-Isoquinolinecarbonitrile, 3-me...	168	C11H8N2	022381-52-8	30
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	27





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Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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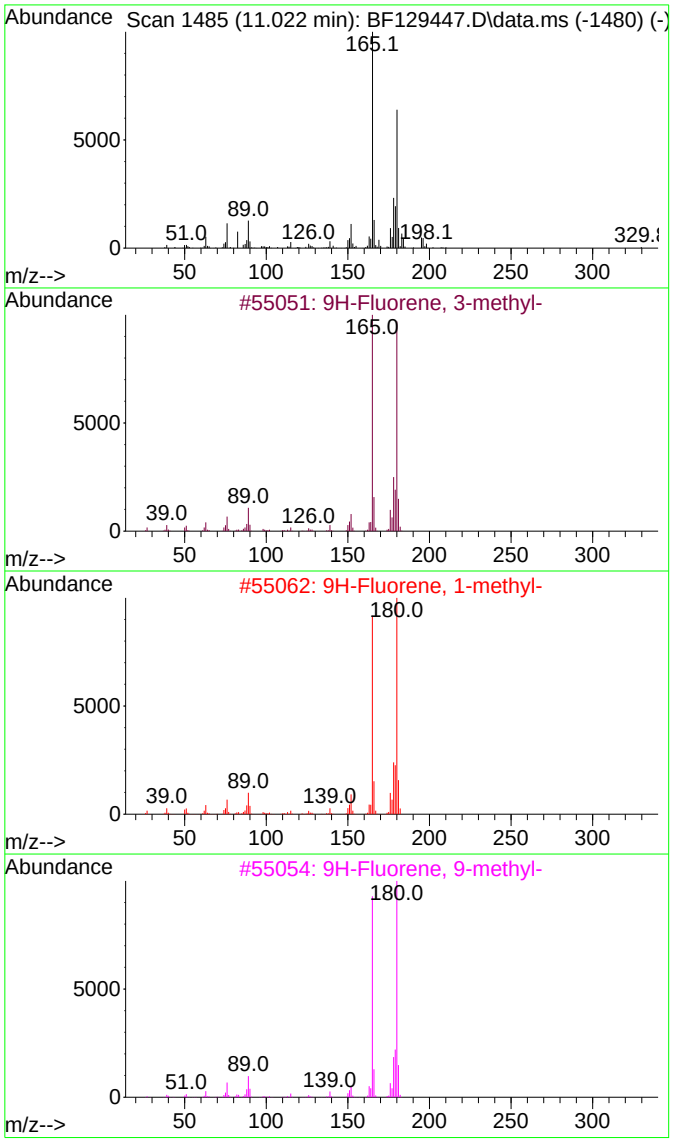
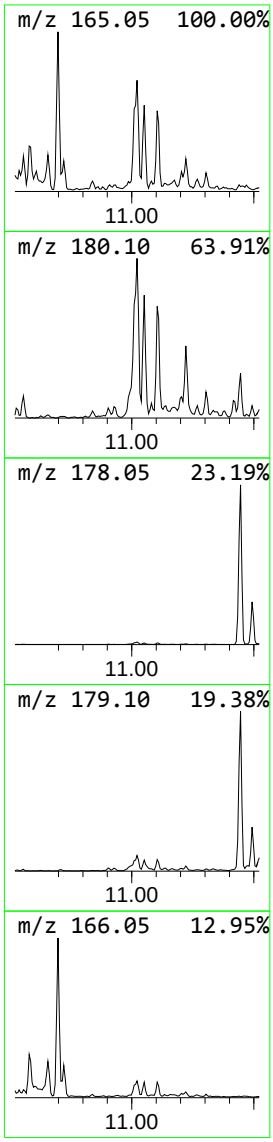
Peak Number 14 9H-Fluorene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	5.76 ng	399294	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72





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Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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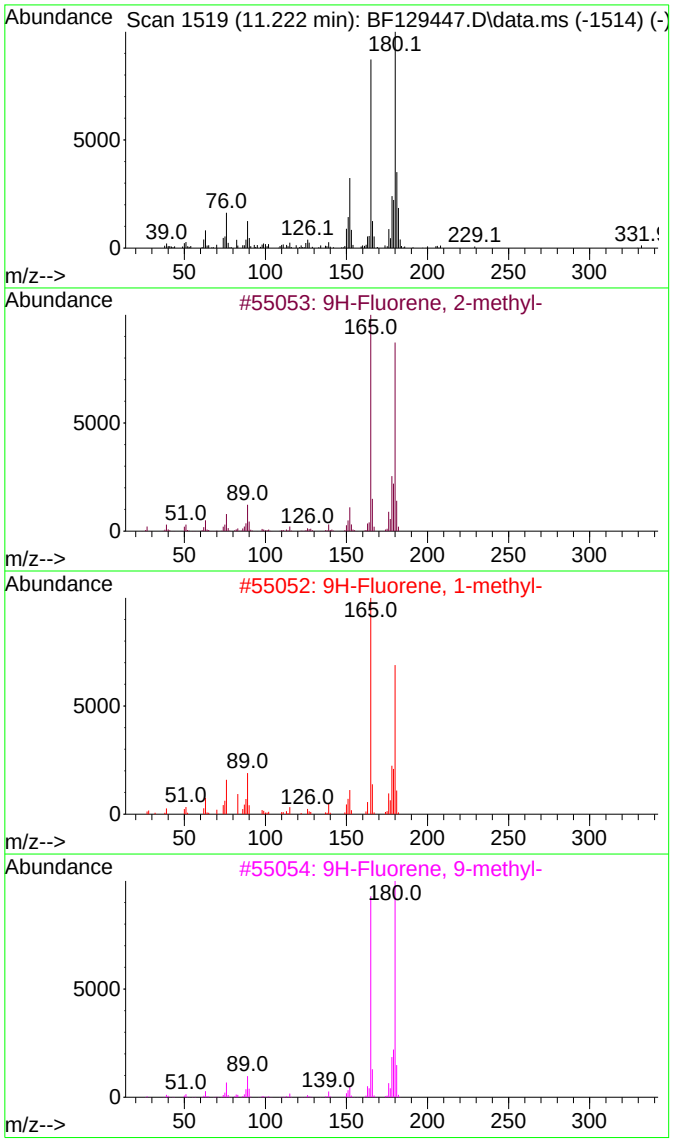
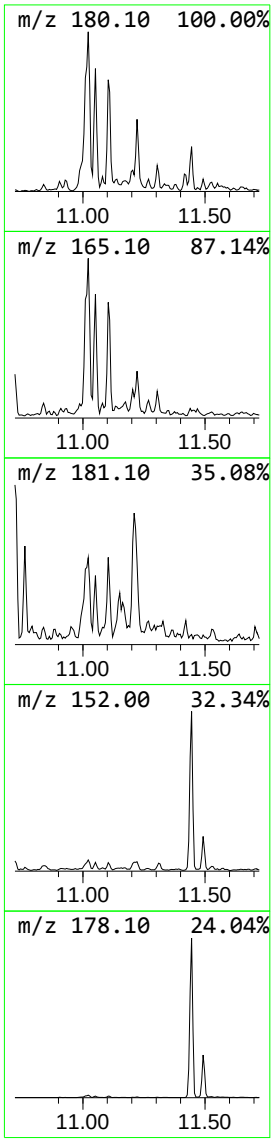
Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	3.06 ng	212272	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HMGP-WATER-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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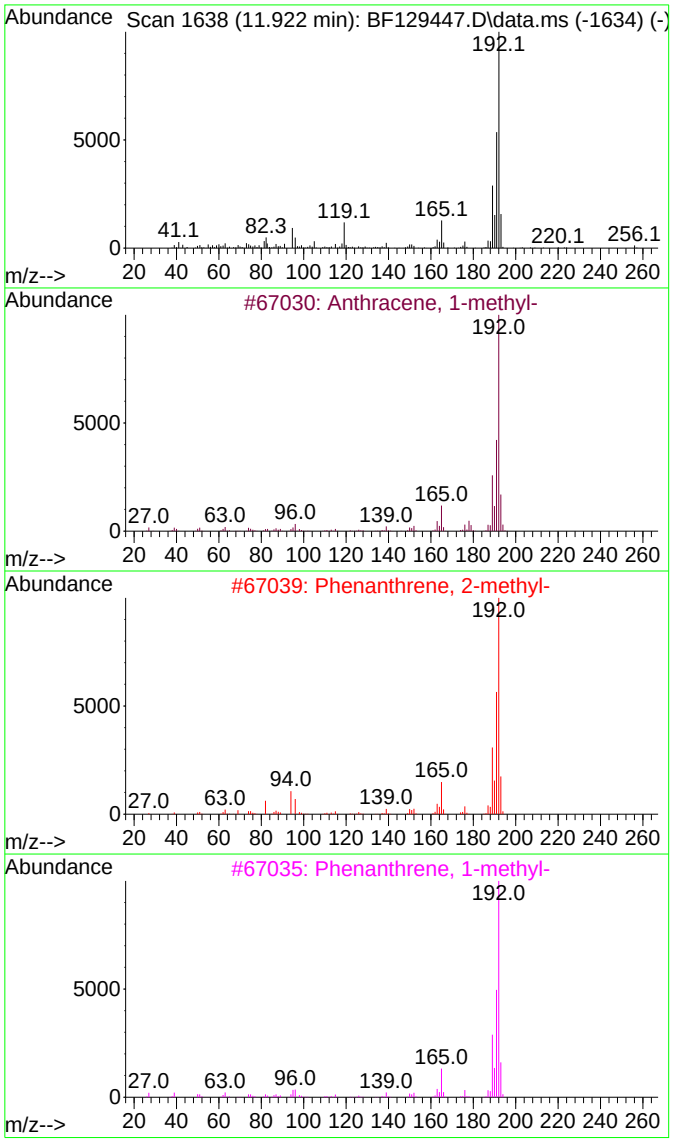
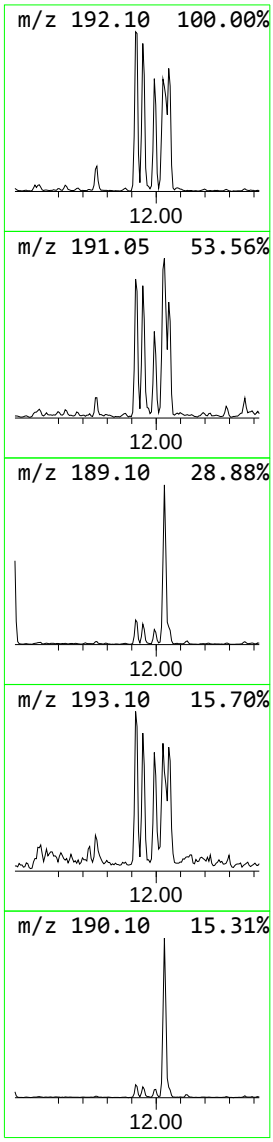
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.18 ng	289755	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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ALS Vial : 6 Sample Multiplier: 1

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

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

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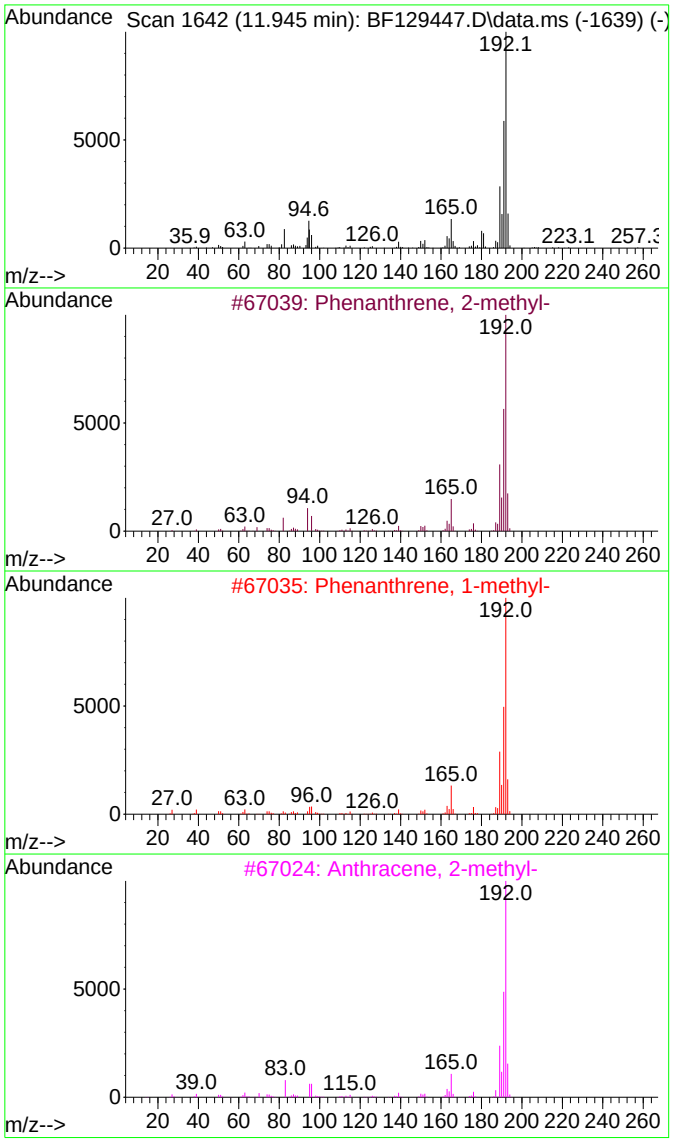
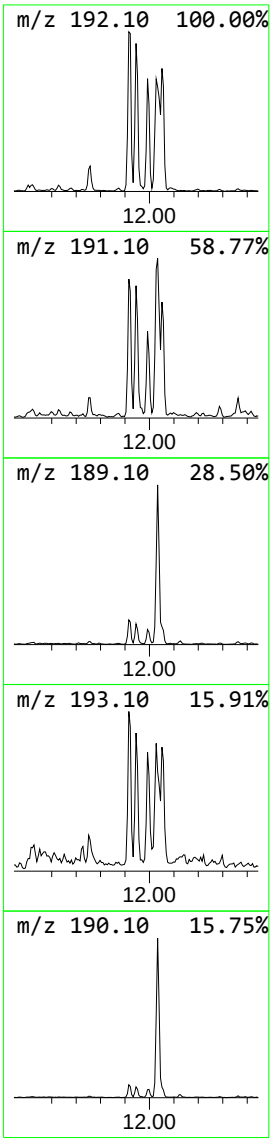
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.92 ng	341308	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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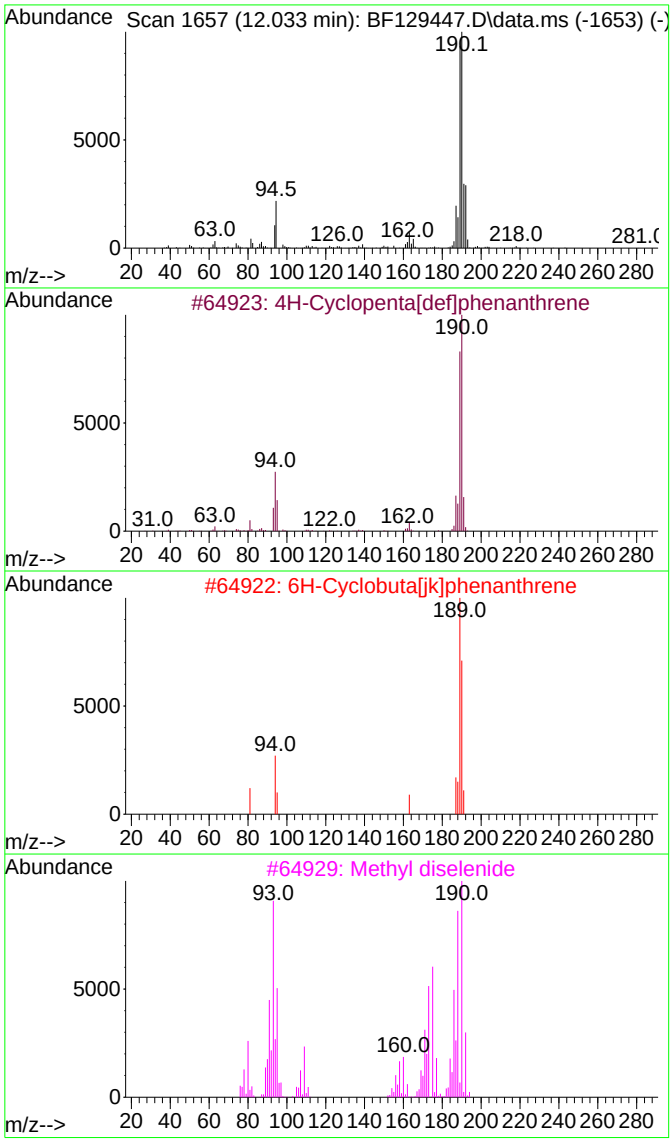
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

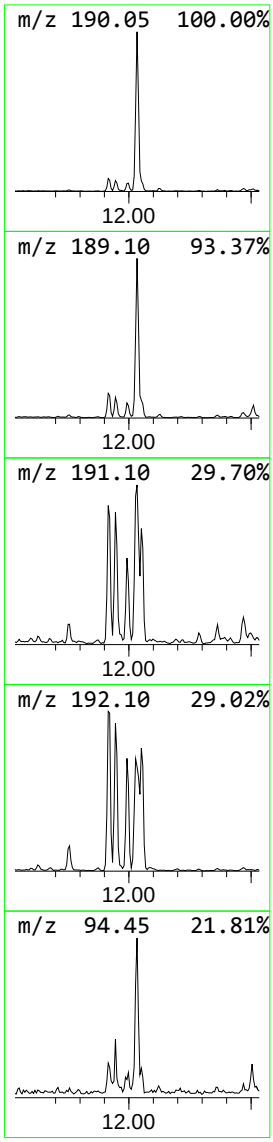
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	9.72 ng	673897	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
HMGP-WATER-1

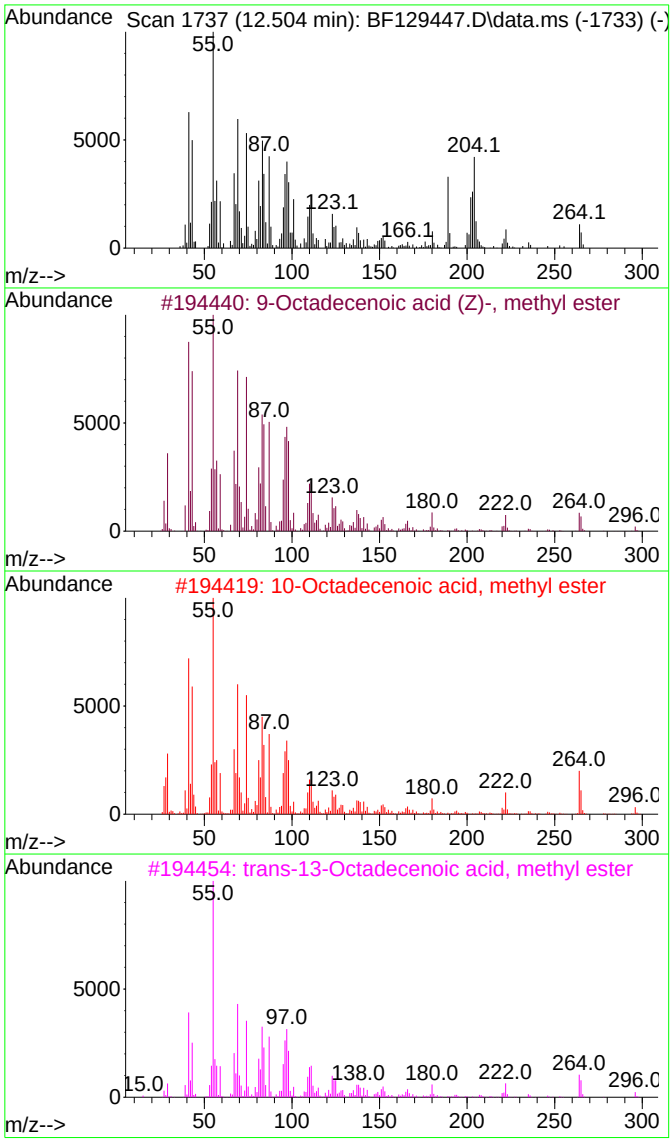
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

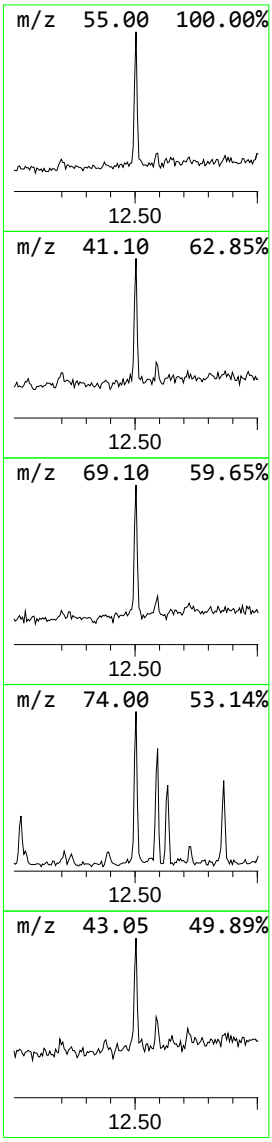
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	4.87 ng	337469	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	53
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	50
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	50
5	Methyl myristoleate	240	C15H28O2	056219-06-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

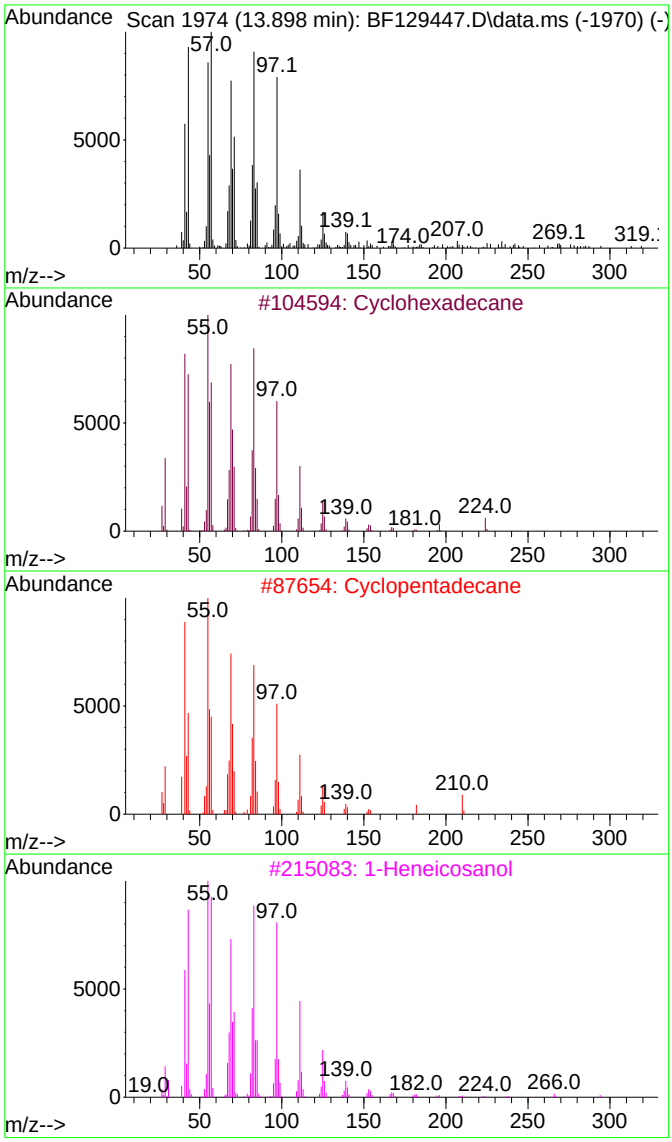
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

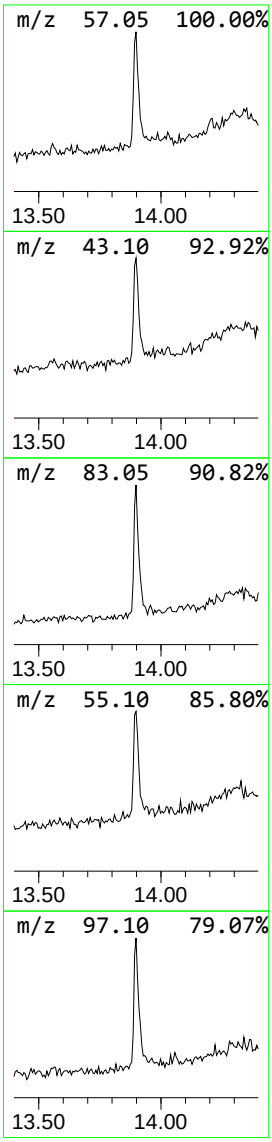
****

Peak Number 20 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	6.51 ng	302543	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129447.D
Acq On : 29 Jul 2022 18:04
Operator : CG\JU
Sample : N3964-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
Ethanol, 2-butoxy-	5.834	4.4	ng	254126	1	6.881	1151360	20.0
Mesitylene	6.704	7.8	ng	450660	1	6.881	1151360	20.0
Benzene, 1,2,4-...	6.940	4.0	ng	231293	1	6.881	1151360	20.0
Indane	7.063	4.8	ng	276858	1	6.881	1151360	20.0
Indene	7.140	21.3	ng	1224100	1	6.881	1151360	20.0
Naphthalene, 2-...	9.439	4.4	ng	353539	3	9.928	1614600	20.0
Naphthalene, 1,...	9.510	7.9	ng	638880	3	9.928	1614600	20.0
Naphthalene, 2,...	9.581	12.0	ng	968656	3	9.928	1614600	20.0
Naphthalene, 1,...	9.610	5.6	ng	448727	3	9.928	1614600	20.0
Naphthalene, 1,...	9.698	7.2	ng	583993	3	9.928	1614600	20.0
Naphthalene, 1,...	10.239	3.2	ng	255478	3	9.928	1614600	20.0
1(2H)-Acenaphth...	10.845	3.8	ng	265519	4	11.416	1386300	20.0
9H-Fluorene, 3-...	11.022	5.8	ng	399294	4	11.416	1386300	20.0
9H-Fluorene, 2-...	11.222	3.1	ng	212272	4	11.416	1386300	20.0
Anthracene, 1-m...	11.922	4.2	ng	289755	4	11.416	1386300	20.0
Phenanthrene, 2...	11.945	4.9	ng	341308	4	11.416	1386300	20.0
4H-Cyclopenta[d...	12.033	9.7	ng	673897	4	11.416	1386300	20.0
9-Octadecenoic ...	12.504	4.9	ng	337469	4	11.416	1386300	20.0
Cyclohexadecane	13.898	6.5	ng	302543	5	14.063	929461	20.0