LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128999.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	455	459	463	rBV	52913	54217	5.60%	0.273%
2	5.281	501	509	516	rBV2	48598	73512	7.59%	0.370%
3	5.351	518	521	533	rVV	437092	506113	52.28%	2.546%
4	5.722	578	584	588	rVB4	32585	57206	5.91%	0.288%
5	5.957	621	624	626	rVV2	65351	65005	6.72%	0.327%
6	6.145	651	656	659	rBV3	45455	60624	6.26%	0.305%
7	6.239	669	672	676	rBV	138467	159835	16.51%	0.804%
8	6.322	681	686	691	rBV4	28054	57887	5.98%	0.291%
9	6.381	694	696	705	rVB	559142	553812	57.21%	2.786%
10	6.463	705	710	713	rBV5	44542	71600	7.40%	0.360%
11	6.545	721	724	727	rBV3	75919	111114	11.48%	0.559%
12	6.722	749	754	760	rVB	925267	895765	92.54%	4.505%
13	6.775	760	763	766	rBV2	74159	78545	8.11%	0.395%
14	6.810	766	769	771	rBV4	45951	50111	5.18%	0.252%
15	6.863	775	778	780	rVV	89580	75415	7.79%	0.379%
16	6.898	781	784	787	rVB2	86027	94735	9.79%	0.476%
17	6.986	794	799	803	rVB4	118958	188627	19.49%	0.949%
18	7.039	803	808	810	rBV4	35121	53949	5.57%	0.271%
19	7.110	817	820	823	rBV3	137634	125906	13.01%	0.633%
20	7.139	823	825	830	rVB3	58179	70872	7.32%	0.356%
21	7.257	838	845	847	rBV3	127743	219016	22.63%	1.102%
22	7.286	847	850	853	rVV	432058	365766	37.79%	1.840%
23	7.316	853	855	859	rVB3	78617	79589	8.22%	0.400%
24	7.363	859	863	866	rVB6	130108	199240	20.58%	1.002%
25	7.410	866	871	873	rBV3	71946	108274	11.19%	0.545%
26	7.433	873	875	879	rVB4	67072	65851	6.80%	0.331%
27	7.475	879	882	884	rBV3	48276	54043	5.58%	0.272%
28	7.498	884	886	888	rVV3	121462	121009	12.50%	0.609%
29	7.522	888	890	893	rVB	203041	178112	18.40%	0.896%
30	7.610	901	905	906	rVV4	54296	74237	7.67%	0.373%
31	7.639	908	910	915	rVV5	195221	194809	20.12%	0.980%
32	7.822	938	941	945	rBV4	90660	105221	10.87%	0.529%
33	7.875	947	950	954	rBV3	90340	132886	13.73%	0.668%
34	7.945	959	962	963	rBV2	63697	59148	6.11%	0.297%
35	7.986	966	969	970	rVV	155952	157269	16.25%	0.791%
36	8.004	970	972	975	rVV	1077011	968019	100.00%	4.869%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.028	975	976	978	rVV	158909	104759	10.82%	0.527%
38	8.069	978	983	985	rVB	462075	421606	43.55%	2.121%
39	8.092	985	987	991	rBV4	101100	108107	11.17%	0.544%
40	8.175	996	1001	1004	rBV4	77424	147013	15.19%	0.739%
41	8.204	1004	1006	1009	rVB2	164278	146021	15.08%	0.734%
42	8.292	1017	1021	1024	rBV5	153509	222224	22.96%	1.118%
43	8.351	1028	1031	1035	rBV4	98237	129097	13.34%	0.649%
44	8.386	1035	1037	1040	rVB3	117750	123557	12.76%	0.621%
45	8.428	1040	1044	1046	rBV	630759	573246	59.22%	2.883%
46	8.510	1056	1058	1060	rVB3	79940	61892	6.39%	0.311%
47	8.545	1060	1064	1066	rBV3	174863	172754	17.85%	0.869%
48	8.598	1070	1073	1075	rBV2	100135	98175	10.14%	0.494%
49	8.657	1081	1083	1086	rVV3	60801	58212	6.01%	0.293%
50	8.692	1086	1089	1092	rVB2	244141	284403	29.38%	1.430%
51	8.722	1092	1094	1096	rBV	111198	80717	8.34%	0.406%
52	8.780	1102	1104	1107	rBV4	74420	110598	11.43%	0.556%
53	8.880	1119	1121	1124	rBV3	121618	139810	14.44%	0.703%
54	8.910	1124	1126	1131	rVB4	120893	140334	14.50%	0.706%
55	8.992	1138	1140	1143	rVV3	87515	82717	8.54%	0.416%
56	9.027	1143	1146	1150	rVV	763581	646382	66.77%	3.251%
57	9.080	1152	1155	1160	rVB	739342	707050	73.04%	3.556%
58	9.163	1165	1169	1174	rBV4	188667	295791	30.56%	1.488%
59	9.204	1174	1176	1179	rBV3	71959	89120	9.21%	0.448%
60	9.280	1187	1189	1192	rVB3	63783	53608	5.54%	0.270%
61	9.351	1199	1201	1204	rVB2	73530	55658	5.75%	0.280%
62	9.416	1210	1212	1215	rVV2	62494	69367	7.17%	0.349%
63	9.463	1218	1220	1221	rVV	171654	133588	13.80%	0.672%
64	9.486	1221	1224	1226	rVV	503821	445254	46.00%	2.240%
65	9.622	1245	1247	1252	rBV4	111721	130694	13.50%	0.657%
66	9.669	1252	1255	1257	rVB	178595	151540	15.65%	0.762%
67	9.692	1257	1259	1263	rBV3	115984	123707	12.78%	0.622%
68	9.739	1263	1267	1268	rBV2	108739	145720	15.05%	0.733%
69	9.763	1268	1271	1274	rVB	876554	680477	70.30%	3.423%
70	9.798	1274	1277	1279	rBV4	89669	74556	7.70%	0.375%
71	9.869	1286	1289	1293	rVB	85407	79119	8.17%	0.398%
72	9.957	1301	1304	1310	rVB5	92409	150378	15.53%	0.756%
73	10.016	1311	1314	1322	rVB3	141072	218654	22.59%	1.100%
74	10.080	1322	1325	1328	rBV3	92176	118734	12.27%	0.597%
75	10.163	1336	1339	1341	rBV4	89019	91966	9.50%	0.463%
76	10.192	1341	1344	1346	rVV2	143668	123000	12.71%	0.619%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.216	1346	1348	1351	rVV2	55567	50626	5.23%	0.255%
78	10.310	1361	1364	1369	rVB3	60274	79812	8.24%	0.401%
79	10.410	1378	1381	1387	rVB	286663	332113	34.31%	1.670%
80	10.463	1388	1390	1394	rVB4	63158	69036	7.13%	0.347%
81	10.498	1394	1396	1399	rBV3	41671	50842	5.25%	0.256%
82	10.551	1403	1405	1408	rBV2	181777	168284	17.38%	0.846%
83	10.680	1422	1427	1433	rVB	467772	616497	63.69%	3.101%
84	11.116	1498	1501	1503	rBV	108225	85728	8.86%	0.431%
85	11.145	1503	1506	1513	rVB	283753	284915	29.43%	1.433%
86	11.251	1521	1524	1526	rBV	717674	593346	61.29%	2.984%
87	11.274	1526	1528	1531	rVB	226659	172496	17.82%	0.868%
88	11.492	1563	1565	1568	rVV2	82851	71890	7.43%	0.362%
89	11.539	1571	1573	1577	rVB	121709	106605	11.01%	0.536%
90	11.951	1640	1643	1647	rVB	101954	78244	8.08%	0.394%
91	12.339	1706	1709	1712	rVB	137793	119390	12.33%	0.601%
92	12.468	1728	1731	1735	rVB	187543	164219	16.96%	0.826%
93	12.698	1767	1770	1777	rVB2	354097	441949	45.65%	2.223%
94	12.833	1790	1793	1797	rVB	352757	335076	34.61%	1.685%
95	13.068	1831	1833	1835	rVB	119440	86558	8.94%	0.435%
96	13.410	1889	1891	1894	rVB	106304	90832	9.38%	0.457%
97	13.898	1970	1974	1977	rBV2	586175	624613	64.52%	3.142%
98	15.221	2197	2199	2204	rVB	175914	185863	19.20%	0.935%
99	15.280	2206	2209	2215	rVB	213462	265628	27.44%	1.336%
100	15.345	2216	2220	2224	rVB2	440411	530212	54.77%	2.667%

Sum of corrected areas: 19881718

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Data File : BF128999.D
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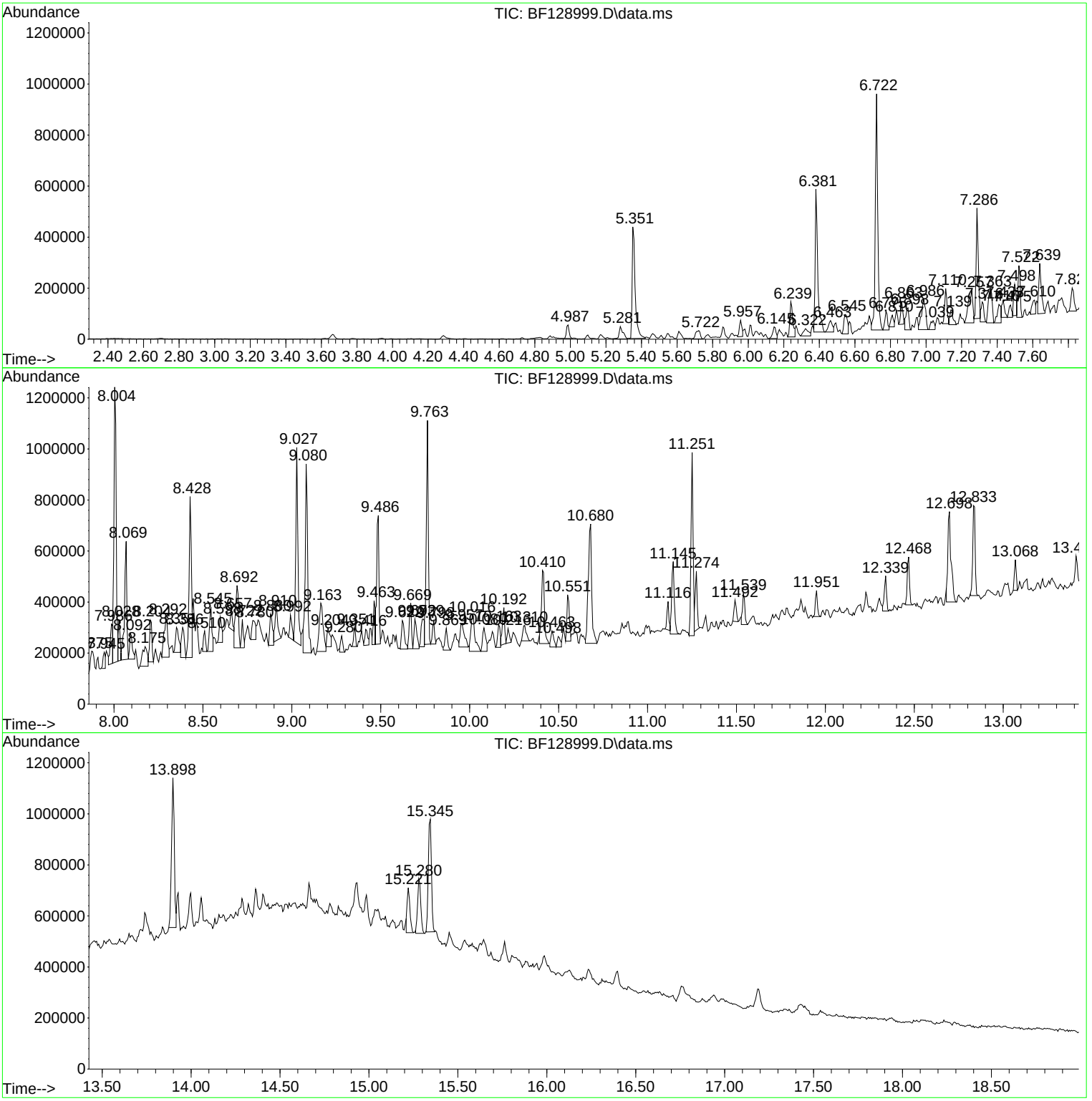
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF062422\
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BNA_F
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SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

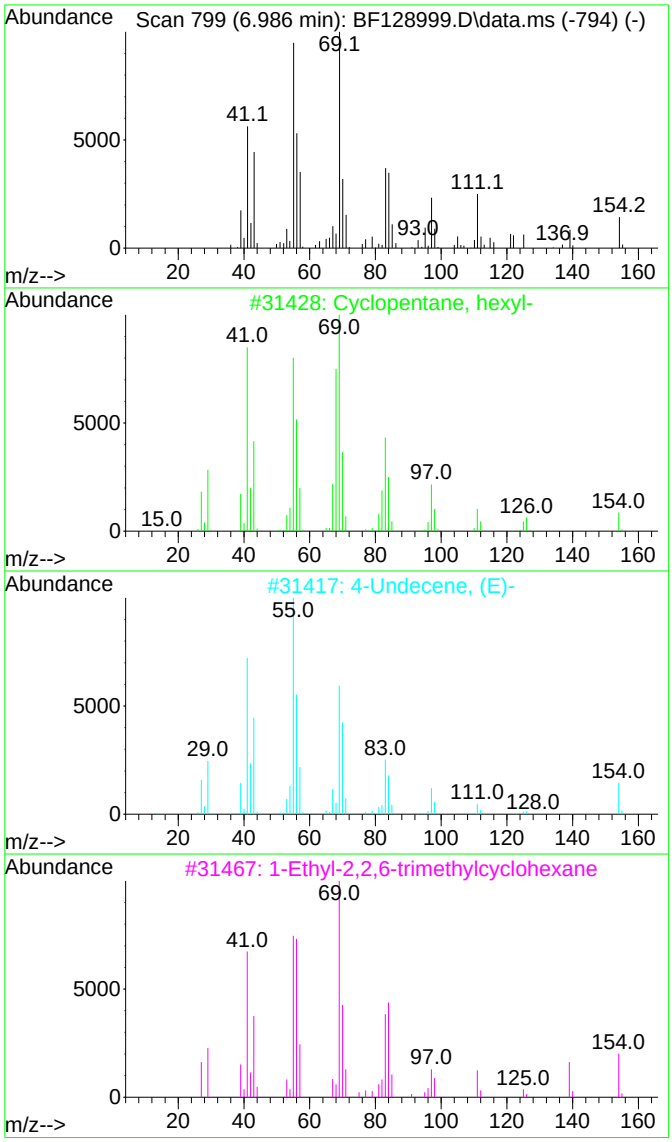
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

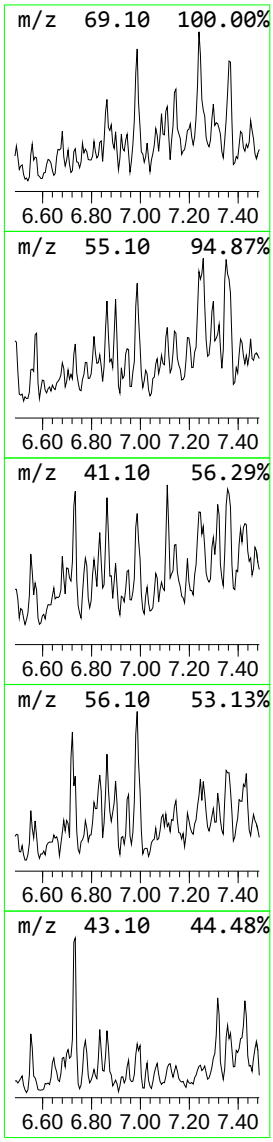
****

Peak Number 1 Cyclopentane, hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.986	4.21 ng	188627	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	87
2	4-Undecene, (E)-	154	C11H22	000693-62-9	81
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
4	4-Decene	140	C10H20	019689-18-0	76
5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

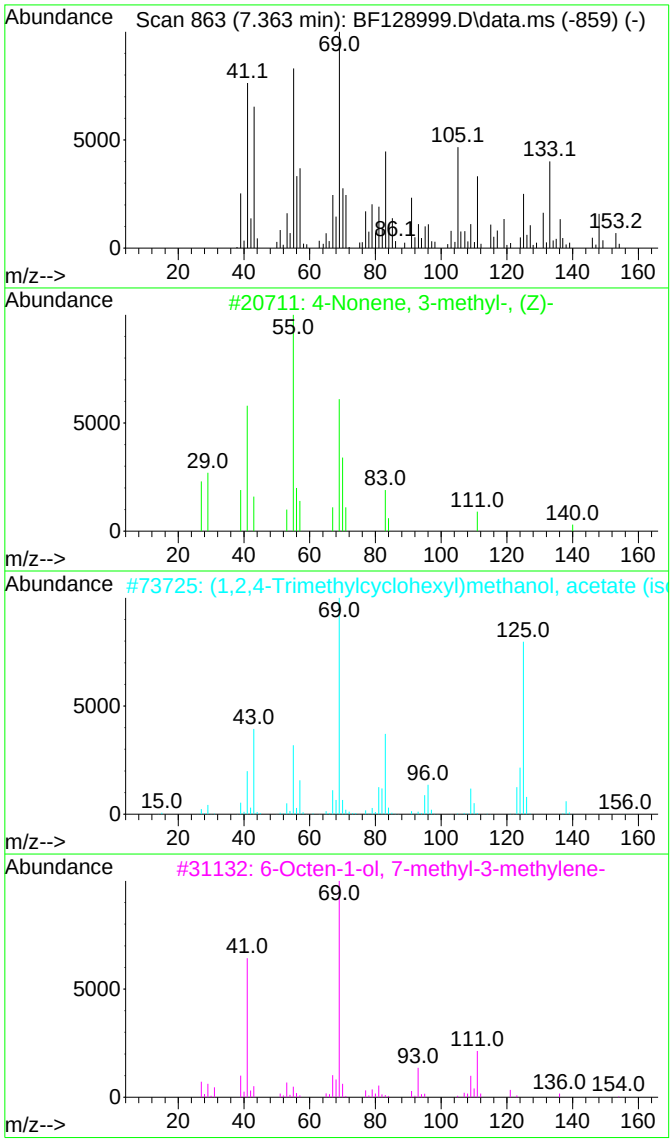
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

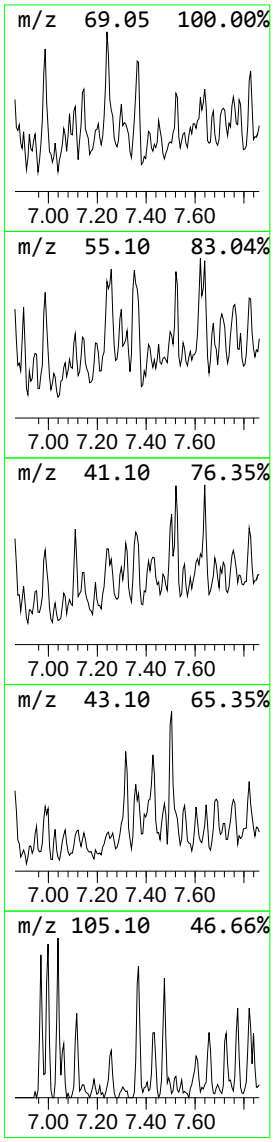
****

Peak Number 2 unknown7.363 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.363	4.12 ng	199240	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	38
2	(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	35
3	6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	27
4	5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	27
5	Geranyl caprylate	280	C18H32O2	051532-26-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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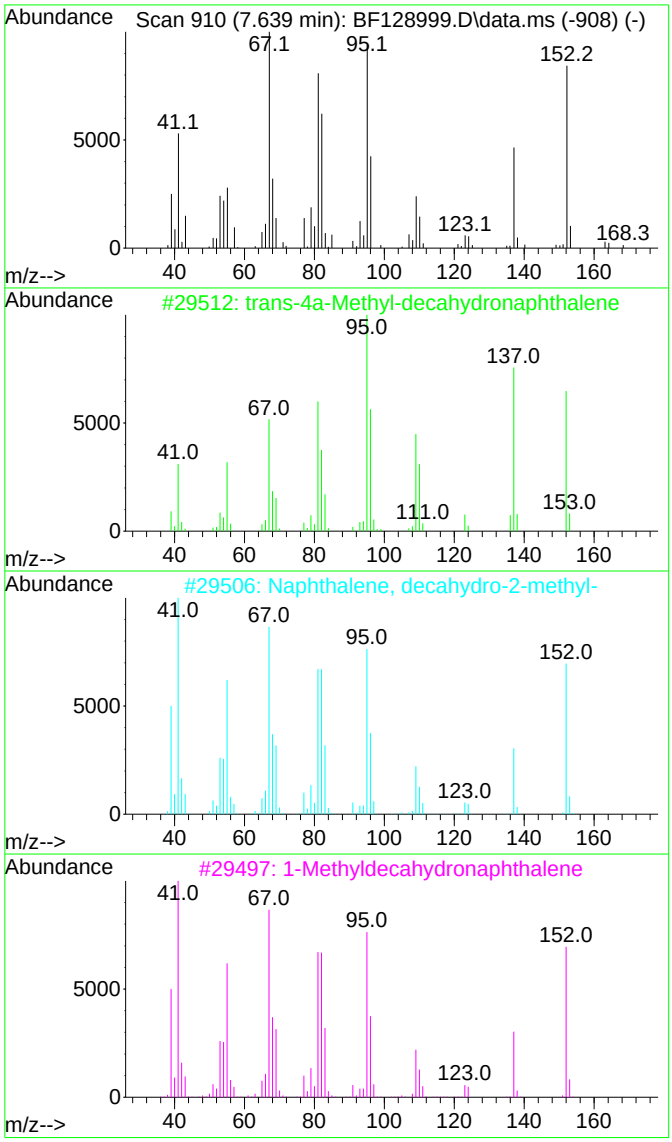
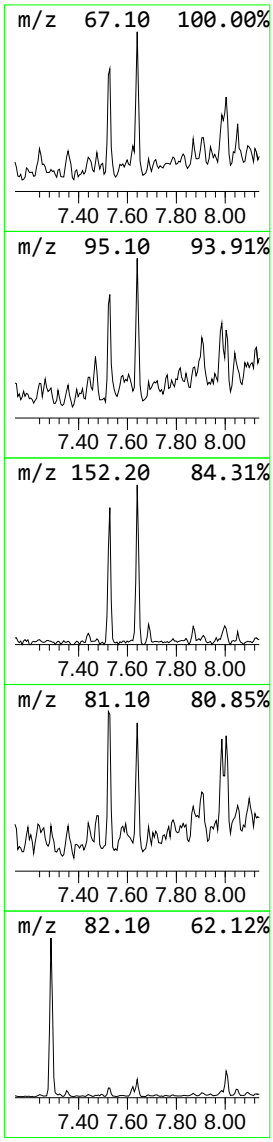
Peak Number 3 trans-4a-Methyl-decahydrona... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.639	4.02 ng	194809	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
4	Spiro[5.5]undecane	152	C11H20	000180-43-8	83
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
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Misc :
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Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

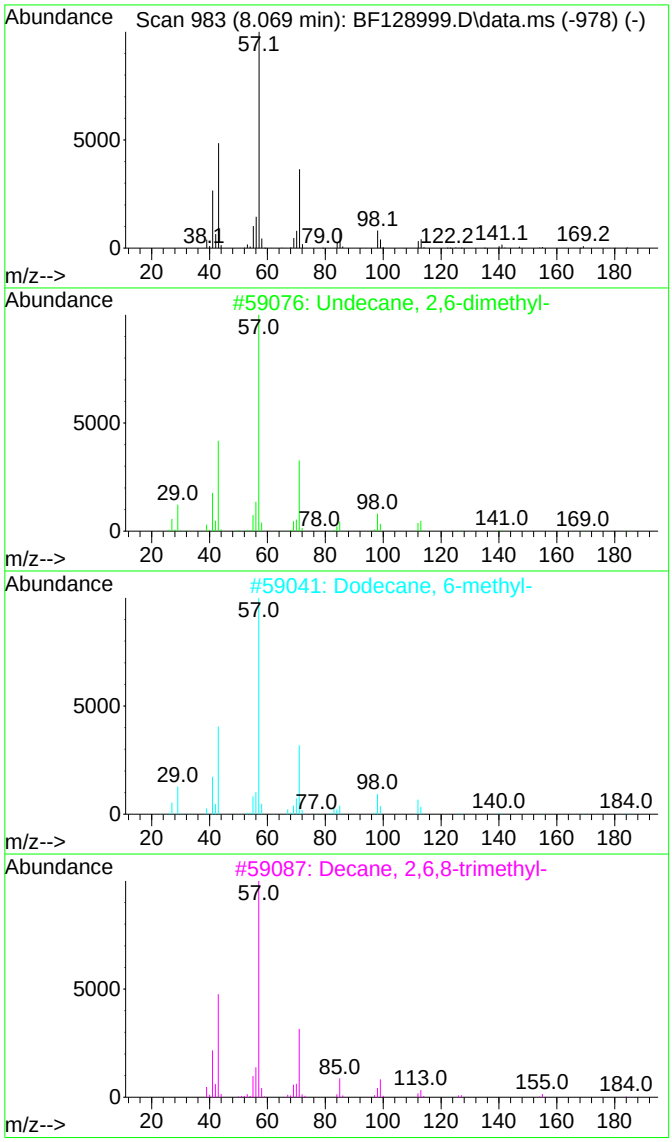
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

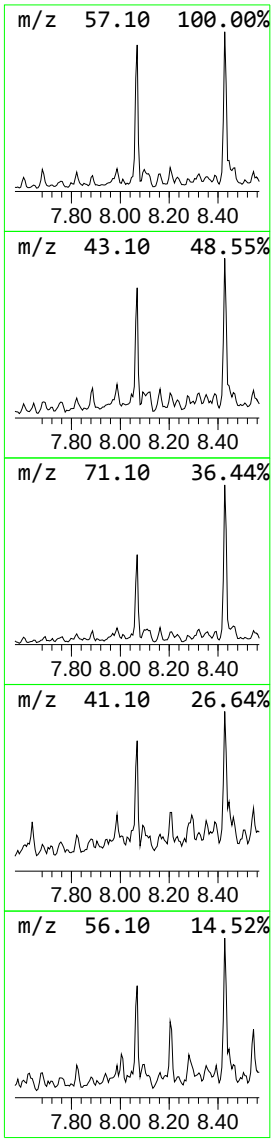
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	8.71 ng	421606	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	80
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

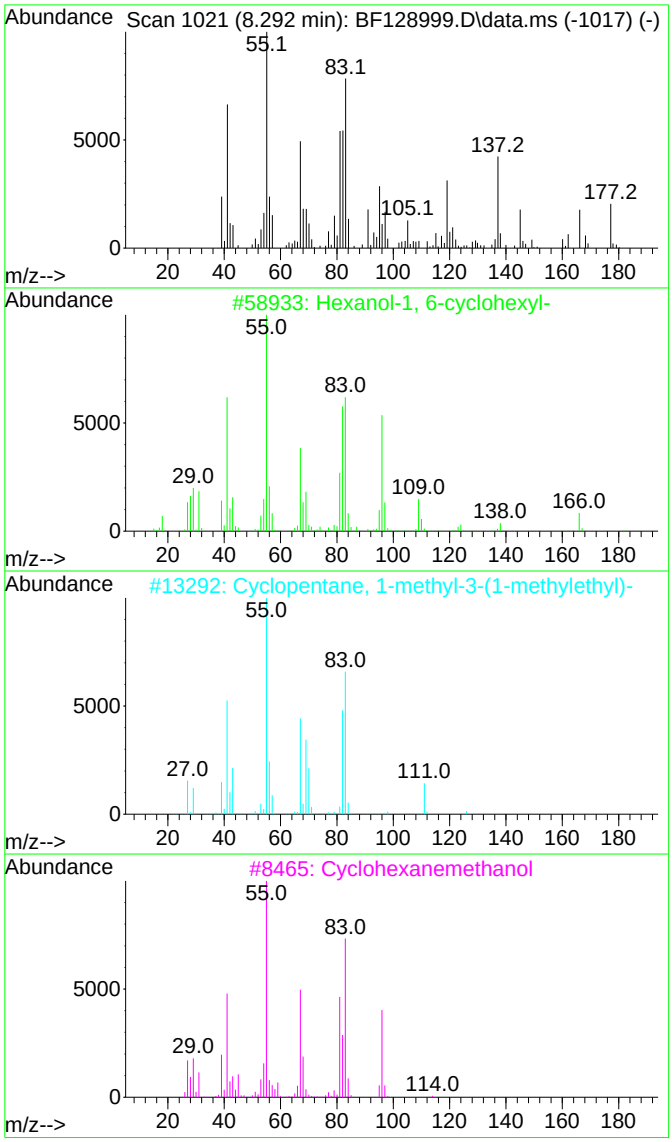
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

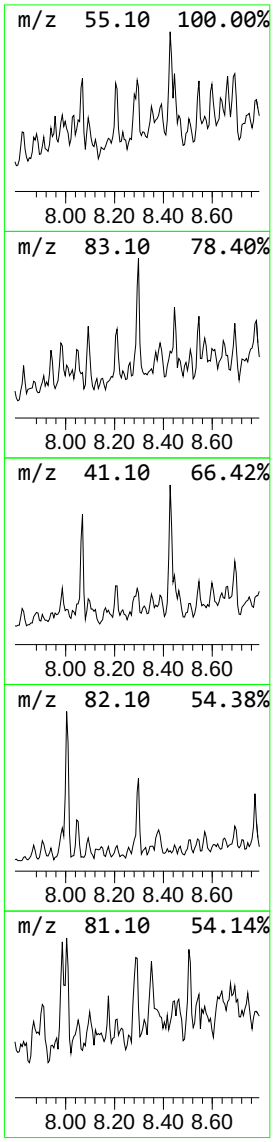
****

Peak Number 5 unknown8.292 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.292	4.59 ng	222224	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanol-1, 6-cyclohexyl-	184	C12H24O	004354-58-9	47
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	46
3	Cyclohexanemethanol	114	C7H14O	000100-49-2	43
4	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	38
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	35





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Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-EXC-2-2

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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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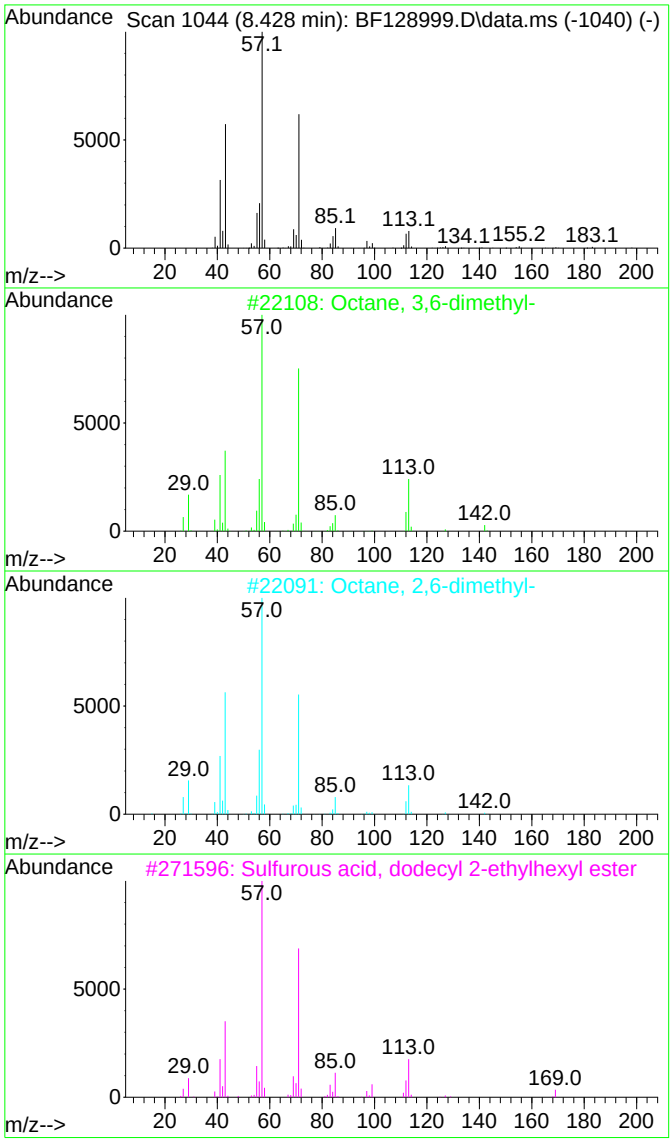
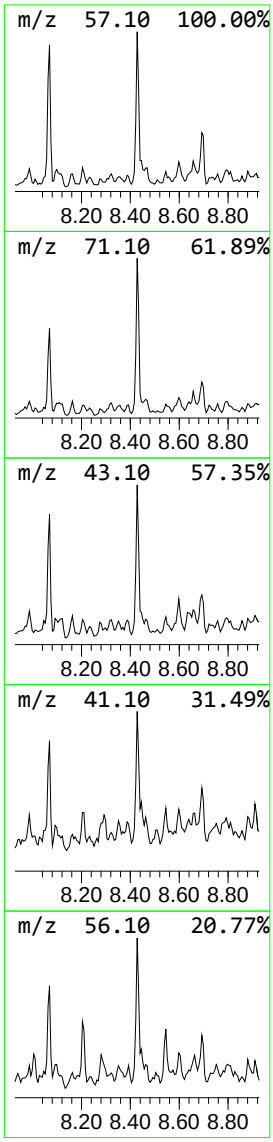
Peak Number 6 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	11.84 ng	573246	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
4	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64





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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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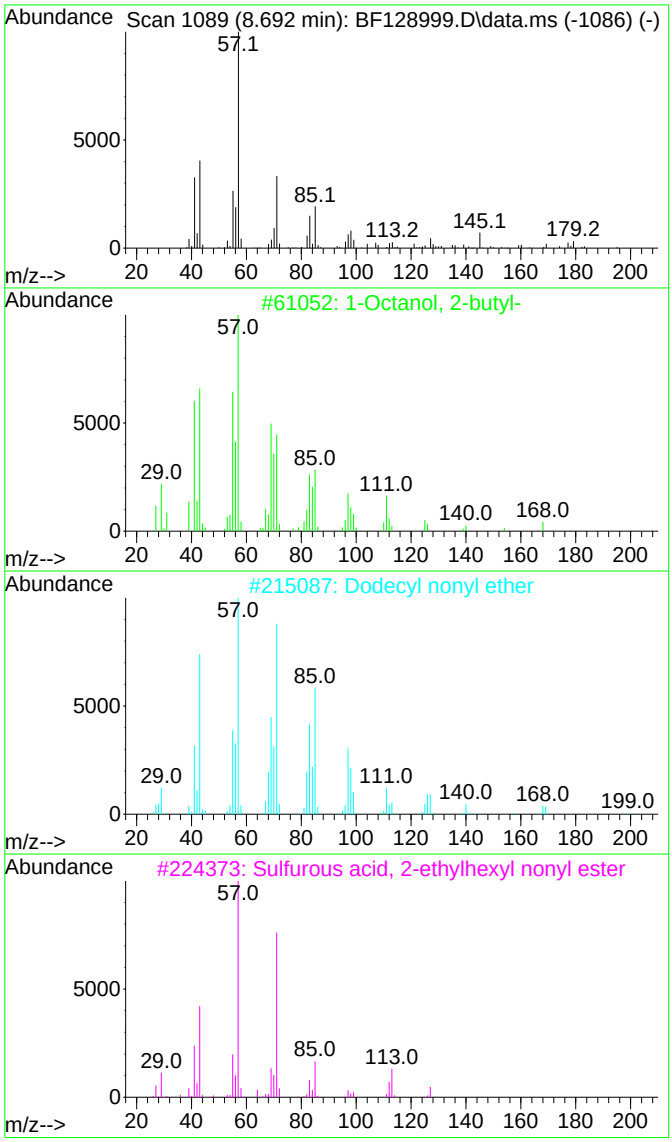
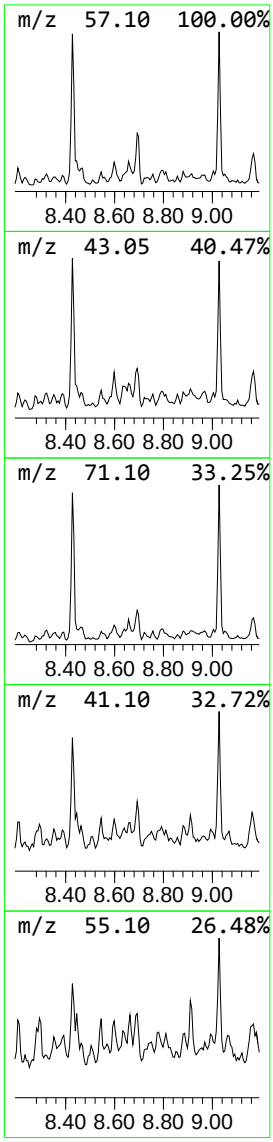
Peak Number 7 1-Octanol, 2-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	5.88 ng	284403	Naphthalene-d8	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	59
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	53
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53





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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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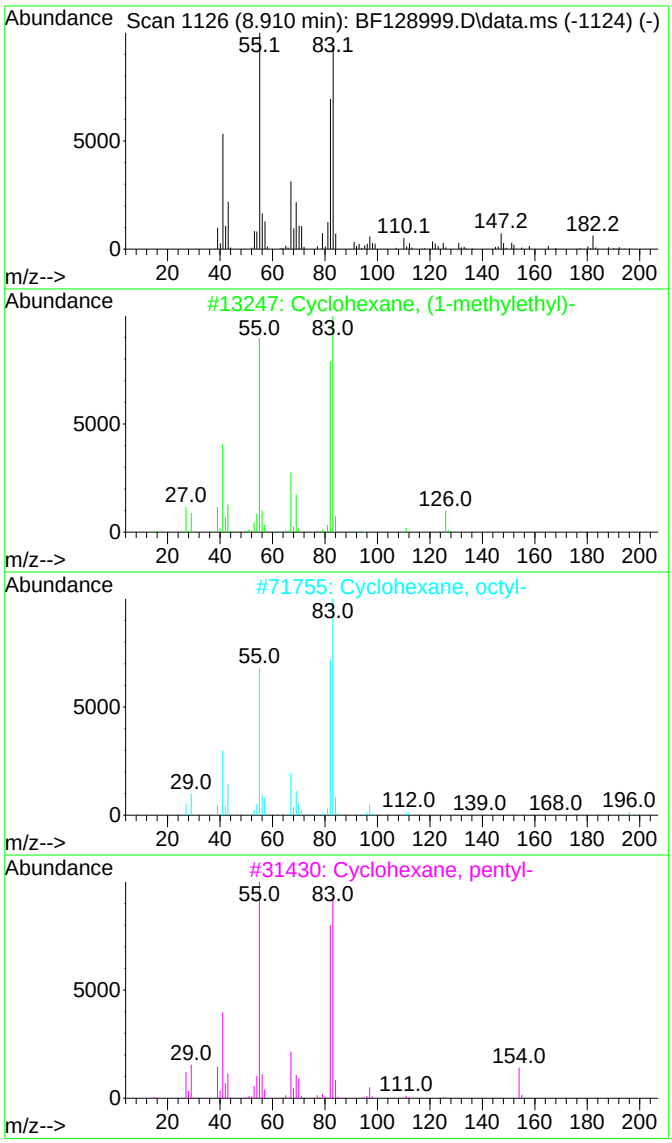
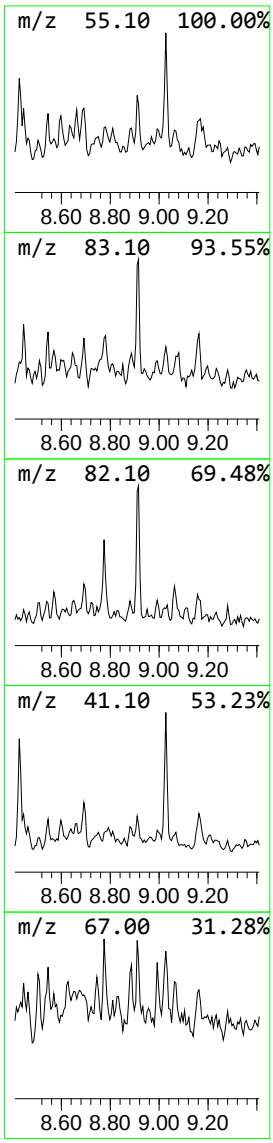
Peak Number 8 Cyclohexane, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.910	4.12 ng	140334	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	72
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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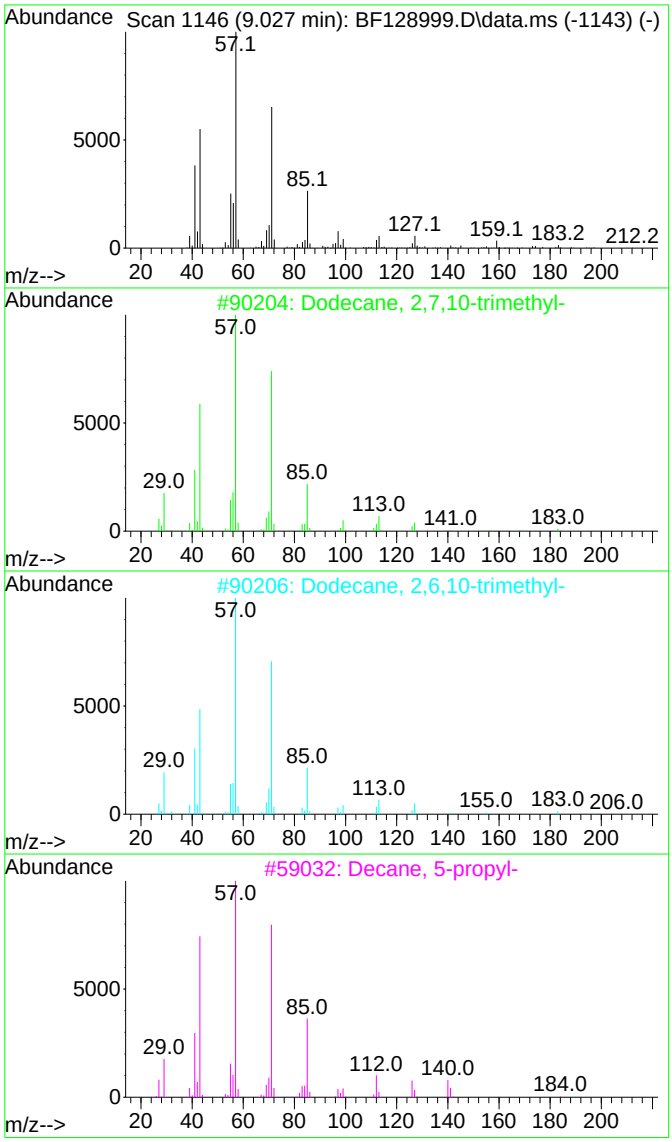
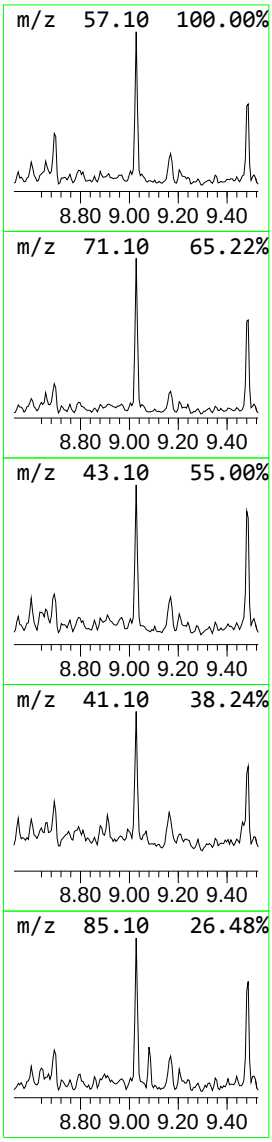
Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.027	19.00 ng	646382	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Decane, 5-propyl-	184	C13H28	017312-62-8	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Hexadecane	226	C16H34	000544-76-3	47





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Misc :
ALS Vial : 21 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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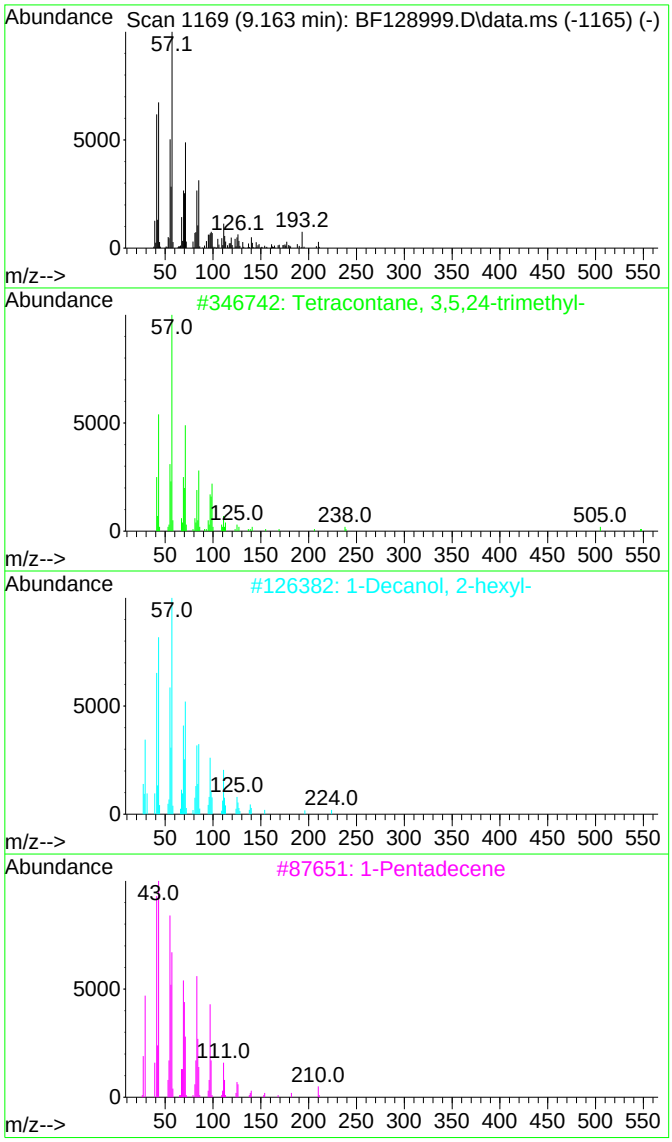
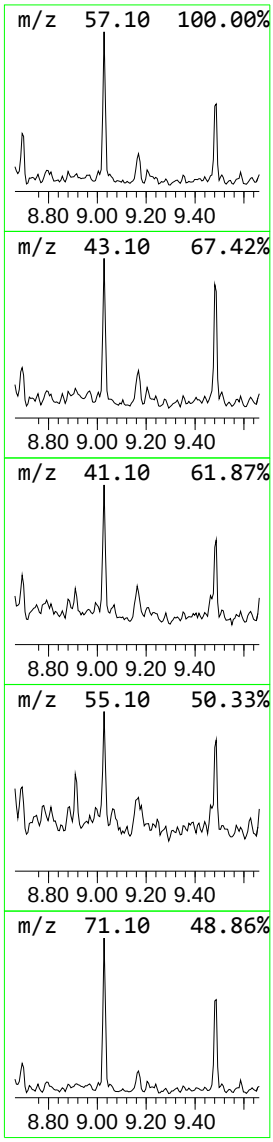
Peak Number 10 Tetracontane, 3,5,24-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	8.69 ng	295791	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	90
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
3	1-Pentadecene	210	C15H30	013360-61-7	55
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	53
5	Tridecane	184	C13H28	000629-50-5	52





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ALS Vial : 21 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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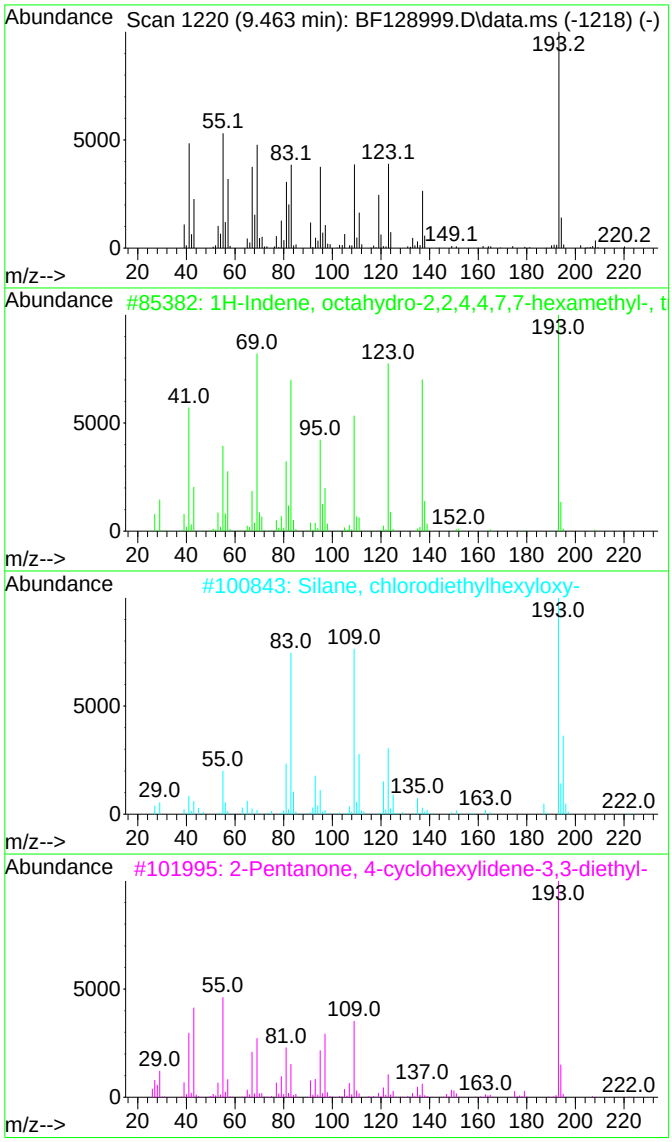
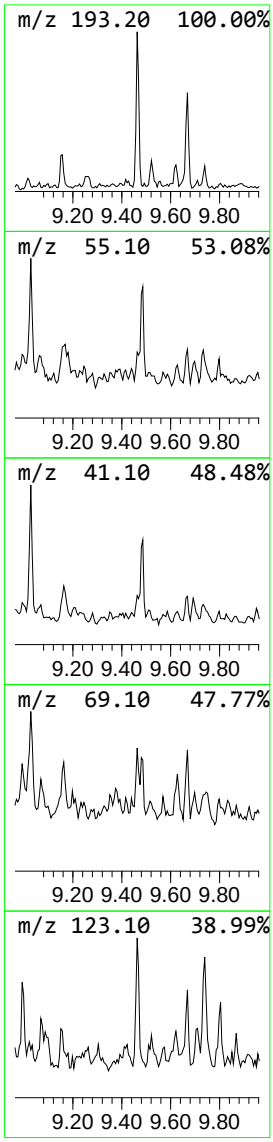
Peak Number 11 unknown9.463 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	3.93 ng	133588	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	40
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	32
5	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	27





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Misc :
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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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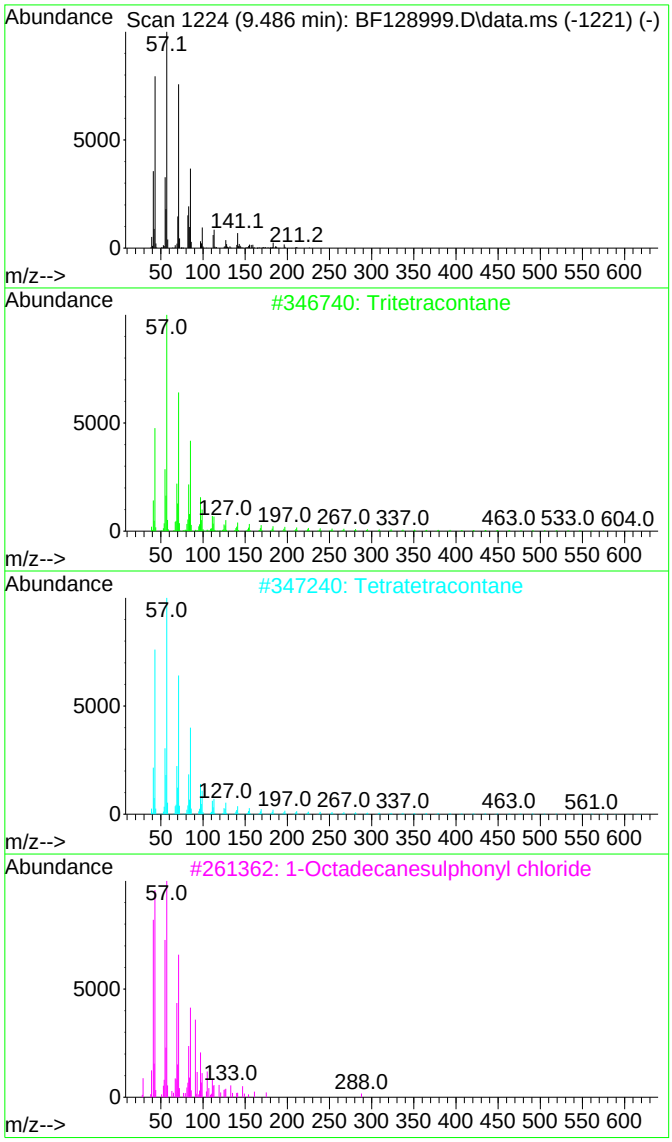
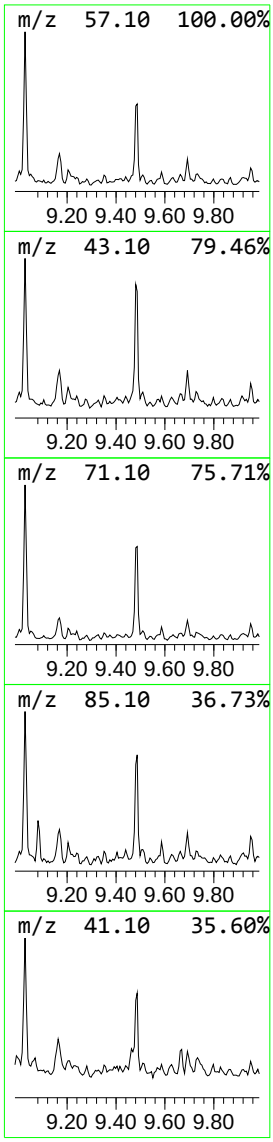
Peak Number 12 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	13.09 ng	445254	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	81
5	Nonadecane	268	C19H40	000629-92-5	80





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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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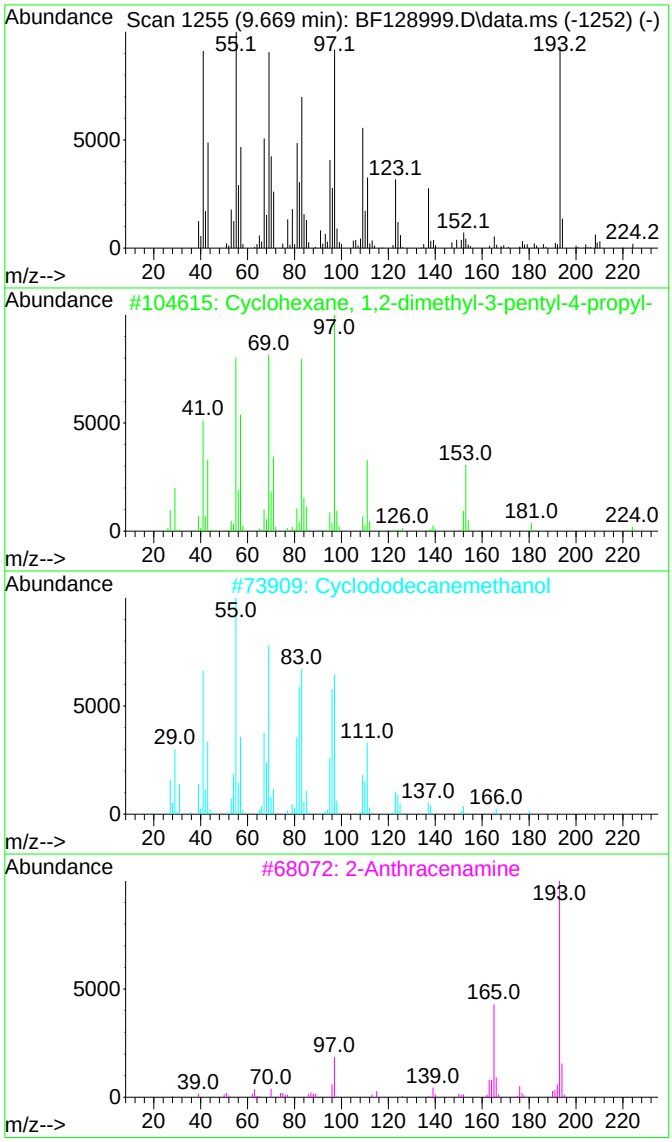
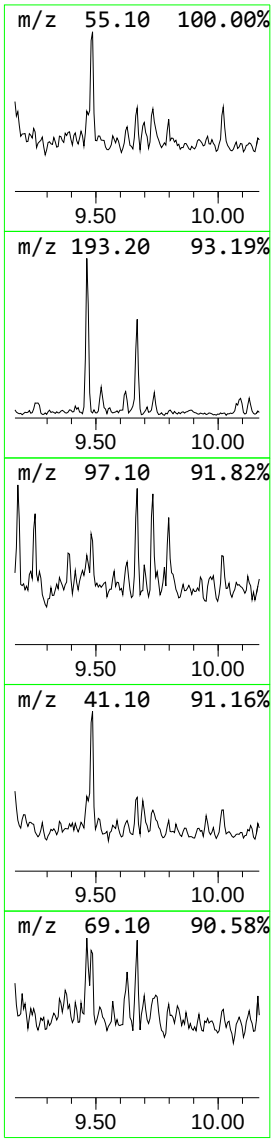
Peak Number 13 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	4.45 ng	151540	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	60
2	Cyclododecanemethanol	198	C13H26O	001892-12-2	46
3	2-Anthracenamine	193	C14H11N	000613-13-8	38
4	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	38
5	Iminostilbene	193	C14H11N	000256-96-2	30





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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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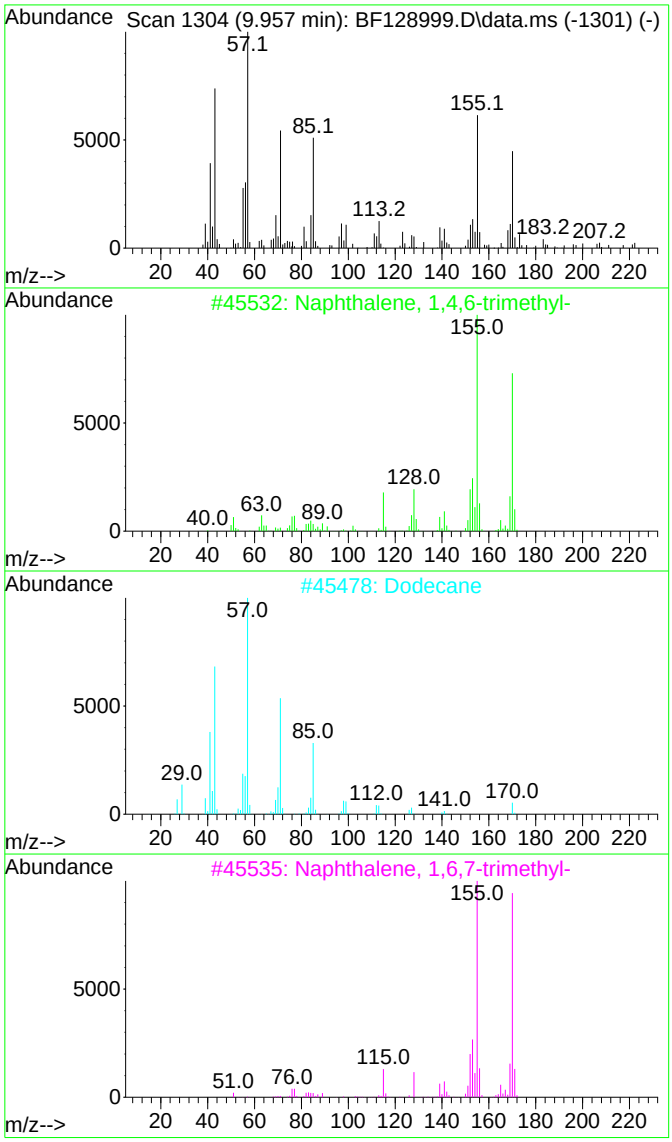
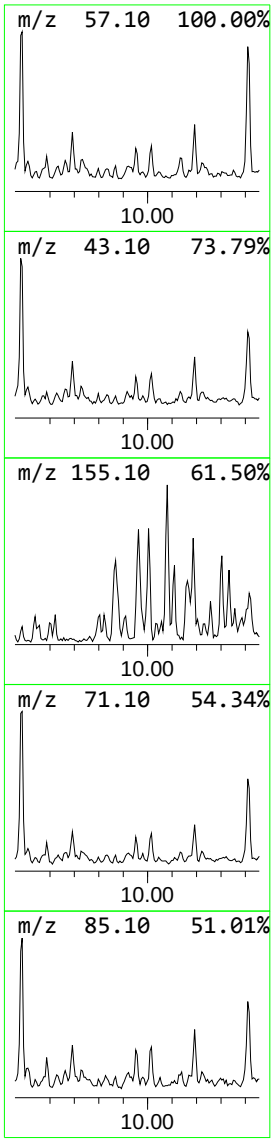
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	4.42 ng	150378	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
2	Dodecane	170	C12H26	000112-40-3	53
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	43
5	2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	42





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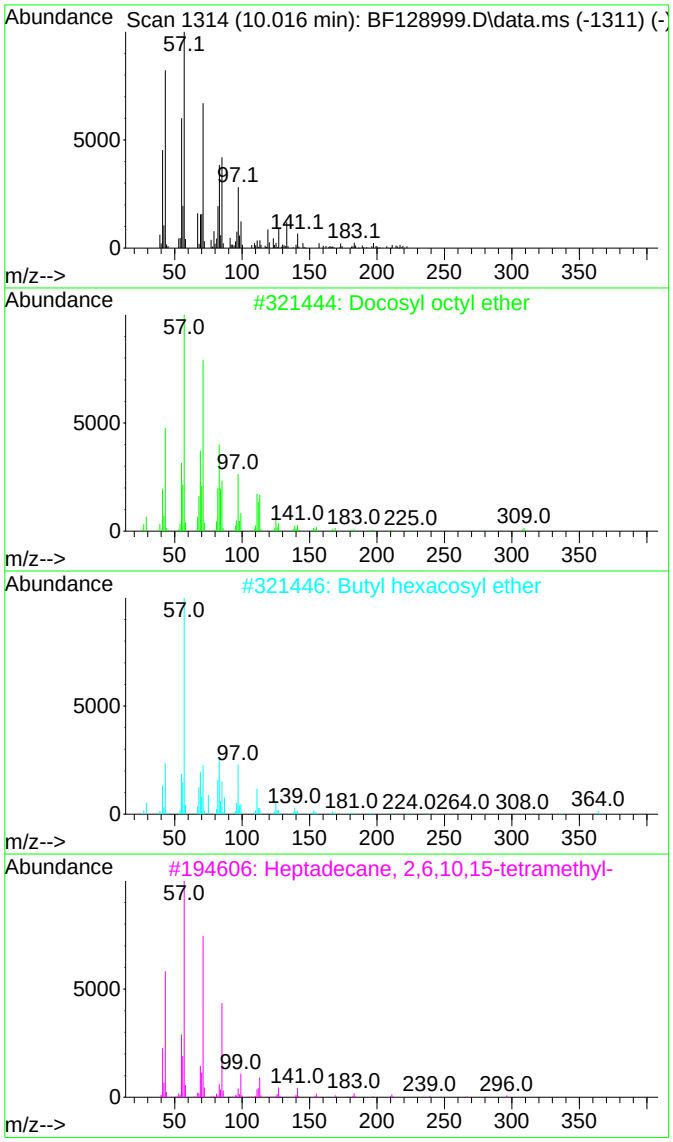
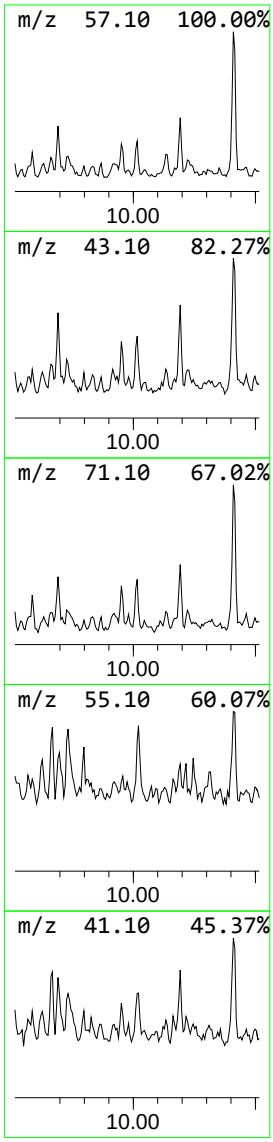
Peak Number 15 Docosyl octyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	6.43 ng	218654	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl octyl ether	438	C30H62O	1000406-38-9	72
2	Butyl hexacosyl ether	438	C30H62O	1000406-41-0	53
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5	Heneicosane	296	C21H44	000629-94-7	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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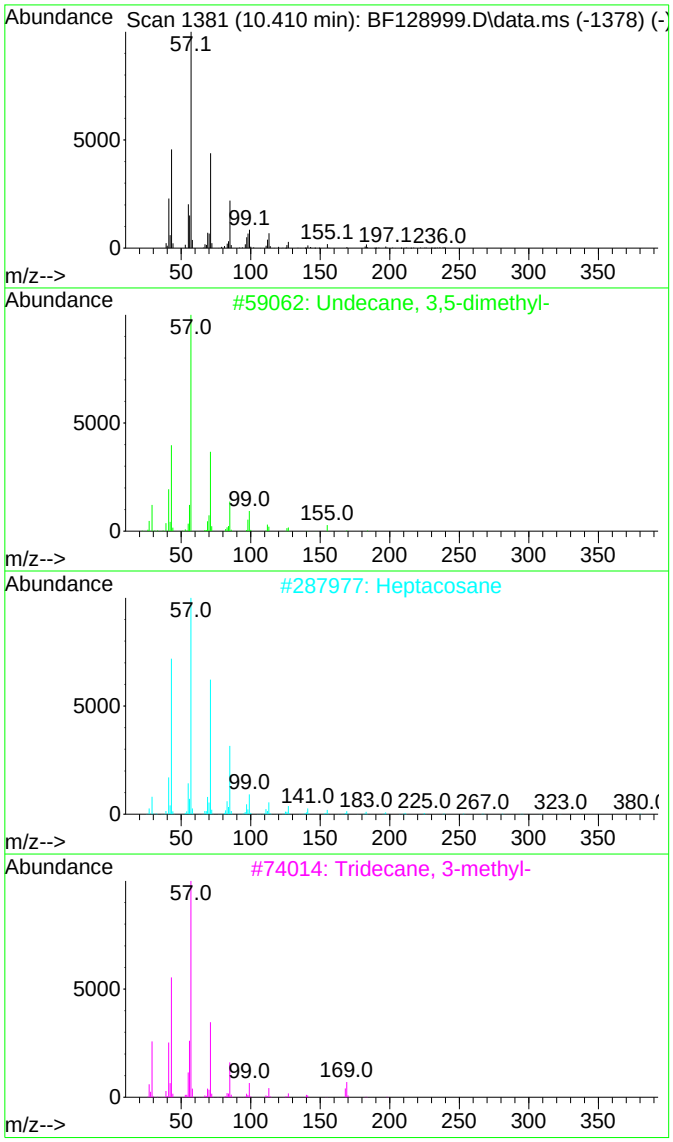
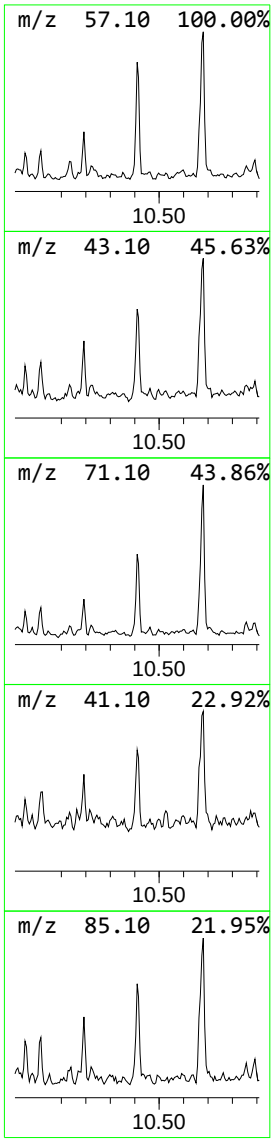
Peak Number 16 Undecane, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	9.76 ng	332113	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	76
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	68





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Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

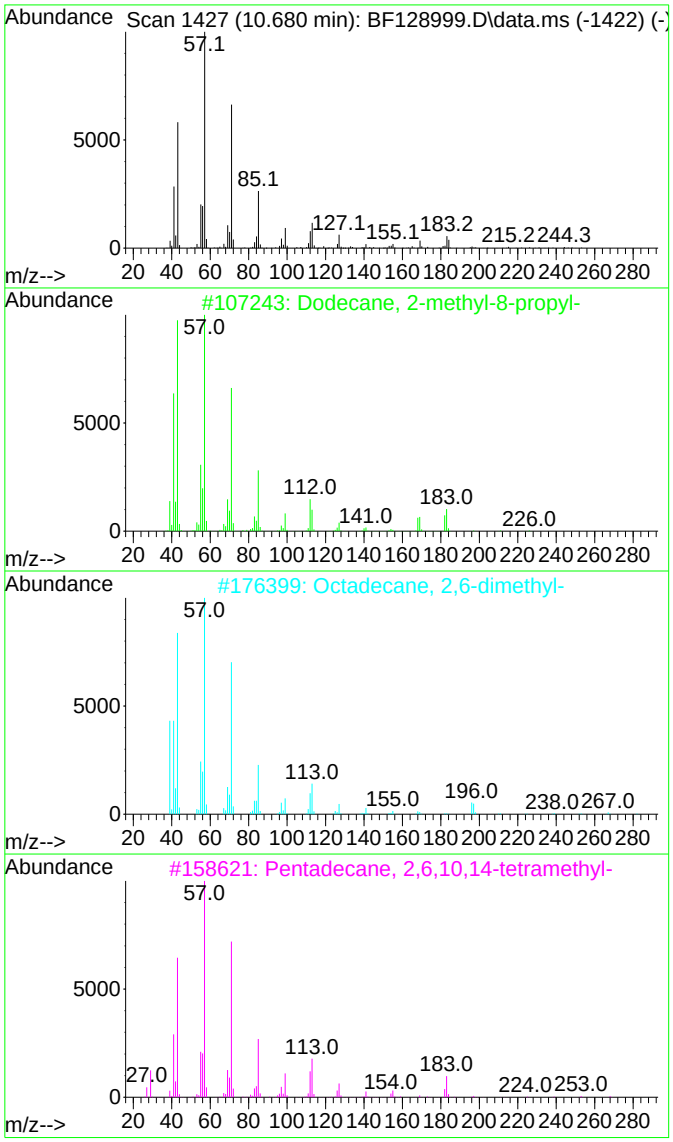
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

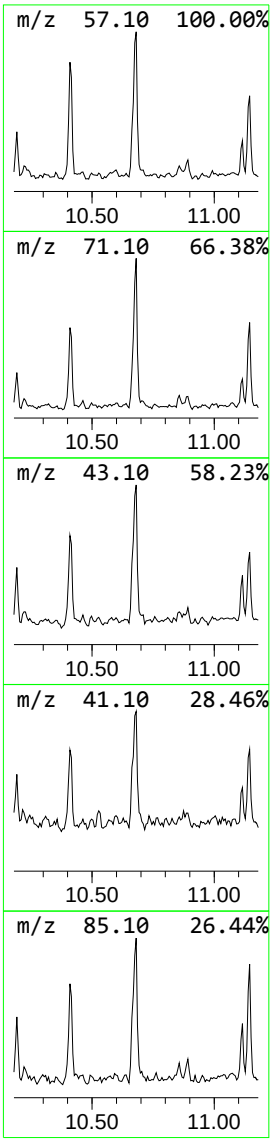
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dodecane, 2-methyl-8-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	20.78 ng	616497	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

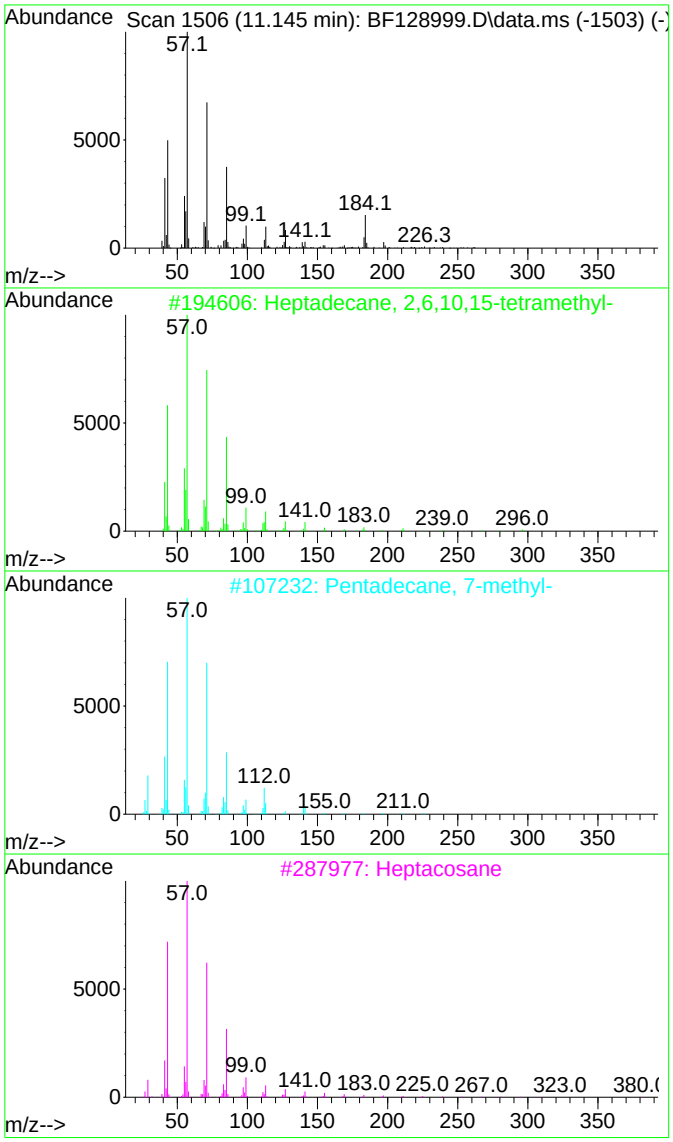
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

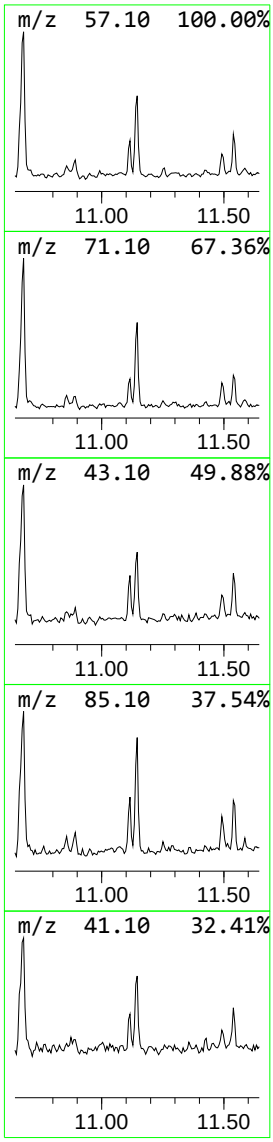
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	9.60 ng	284915	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

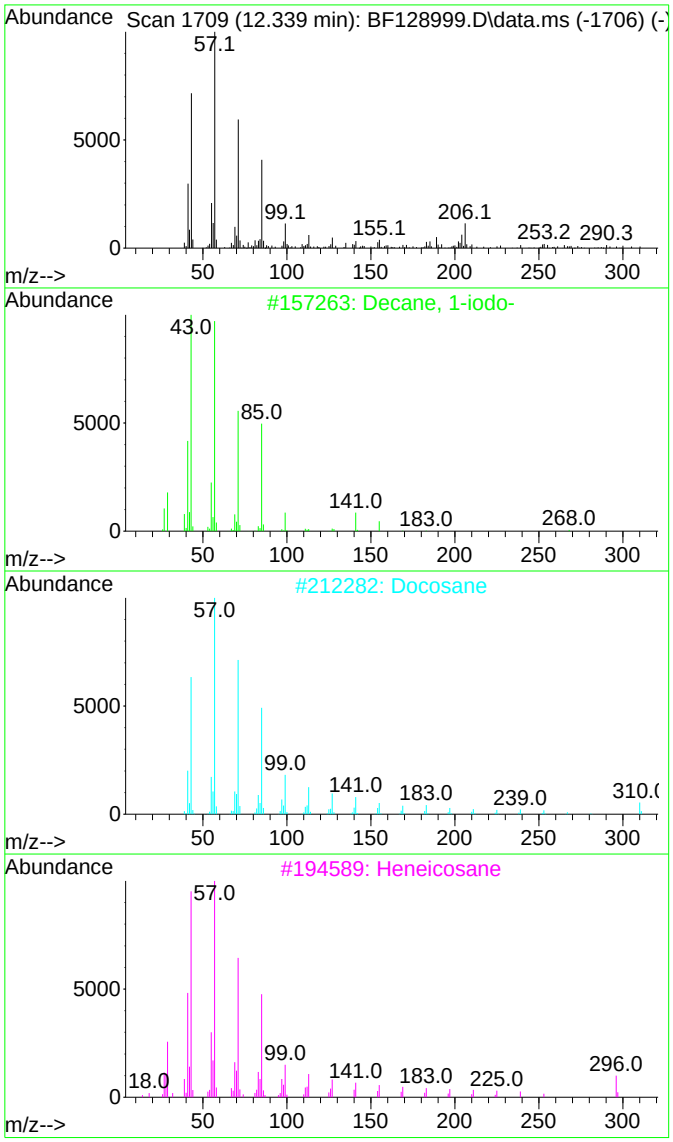
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

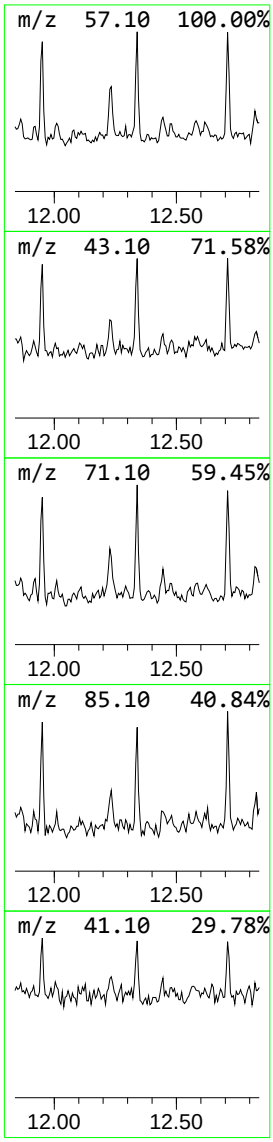
****

Peak Number 19 Decane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	4.02 ng	119390	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	90
2	Docosane	310	C22H46	000629-97-0	90
3	Heneicosane	296	C21H44	000629-94-7	81
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

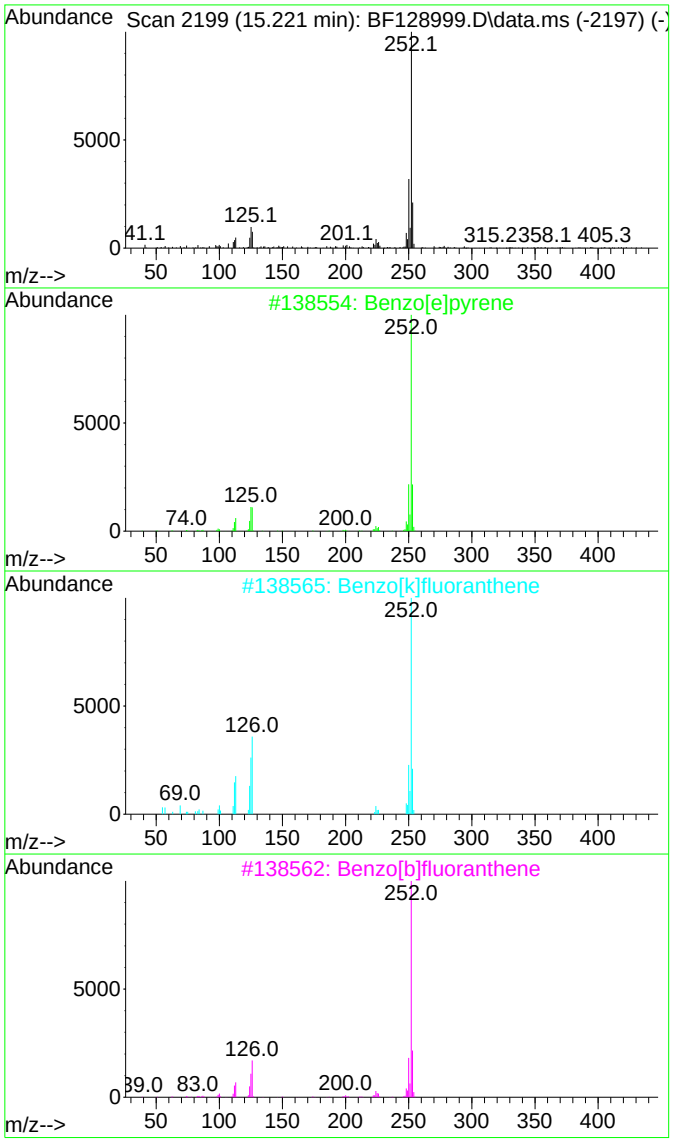
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

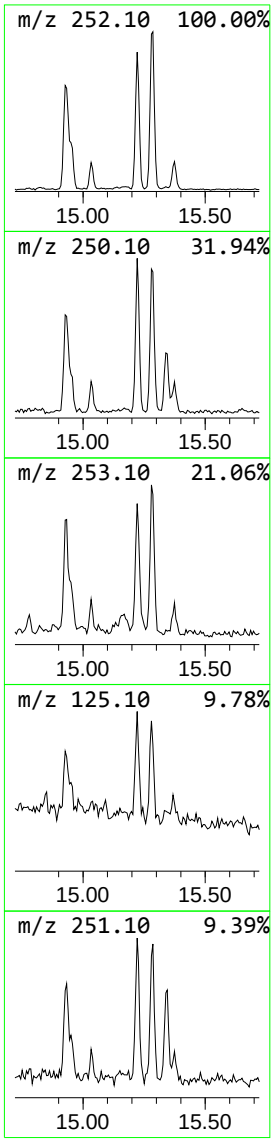
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	7.01 ng	185863	Perylene-d12	15.345

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[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Cyclopentane, h...	6.986	4.2	ng	188627	1	6.722	895765	20.0
unknown7.363	7.363	4.1	ng	199240	2	8.004	968019	20.0
trans-4a-Methyl...	7.639	4.0	ng	194809	2	8.004	968019	20.0
Undecane, 2,6-d...	8.069	8.7	ng	421606	2	8.004	968019	20.0
unknown8.292	8.292	4.6	ng	222224	2	8.004	968019	20.0
Octane, 3,6-dim...	8.428	11.8	ng	573246	2	8.004	968019	20.0
1-Octanol, 2-bu...	8.692	5.9	ng	284403	2	8.004	968019	20.0
Cyclohexane, (1...	8.910	4.1	ng	140334	3	9.763	680477	20.0
Dodecane, 2,7,1...	9.027	19.0	ng	646382	3	9.763	680477	20.0
Tetracontane, 3...	9.163	8.7	ng	295791	3	9.763	680477	20.0
unknown9.463	9.463	3.9	ng	133588	3	9.763	680477	20.0
Tritetracontane	9.486	13.1	ng	445254	3	9.763	680477	20.0
Cyclohexane, 1,...	9.669	4.5	ng	151540	3	9.763	680477	20.0
Naphthalene, 1,...	9.957	4.4	ng	150378	3	9.763	680477	20.0
Docosyl octyl e...	10.016	6.4	ng	218654	3	9.763	680477	20.0
Undecane, 3,5-d...	10.410	9.8	ng	332113	3	9.763	680477	20.0
Dodecane, 2-met...	10.680	20.8	ng	616497	4	11.251	593346	20.0
Heptadecane, 2,...	11.145	9.6	ng	284915	4	11.251	593346	20.0
Decane, 1-iodo-	12.339	4.0	ng	119390	4	11.251	593346	20.0
Benzo[e]pyrene	15.221	7.0	ng	185863	6	15.345	530212	20.0