LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VAULT-WASTE

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	562	567	570	rBV	1638412	1647444	71.26%	2.686%
2	5.969	657	660	665	rVB3	205652	251433	10.88%	0.410%
3	6.063	673	676	683	rVB2	517082	622191	26.91%	1.014%
4	6.257	703	709	711	rBV	224524	314822	13.62%	0.513%
5	6.345	721	724	727	rBV2	362917	425578	18.41%	0.694%
6	6.434	733	739	743	rBV	1607712	1727166	74.71%	2.816%
7	6.557	756	760	764	rBV3	262009	503141	21.76%	0.820%
8	6.769	790	796	797	rBV4	195753	275726	11.93%	0.450%
9	6.810	800	803	806	rBV	722962	588613	25.46%	0.960%
10	6.910	817	820	822	rBV3	174599	214590	9.28%	0.350%
11	6.963	826	829	832	rBV2	649646	624949	27.03%	1.019%
12	6.992	832	834	838	rVB2	376433	365795	15.82%	0.596%
13	7.086	848	850	854	rVB2	486990	460736	19.93%	0.751%
14	7.134	854	858	860	rBV2	220304	193607	8.37%	0.316%
15	7.210	868	871	874	rBV3	334592	265932	11.50%	0.434%
16	7.239	874	876	881	rVB6	186404	252363	10.92%	0.411%
17	7.345	888	894	895	rBV3	480234	623445	26.97%	1.016%
18	7.369	895	898	901	rVB2	874872	747864	32.35%	1.219%
19	7.457	909	913	917	rVB4	533889	772801	33.43%	1.260%
20	7.504	917	921	925	rBV5	250602	416881	18.03%	0.680%
21	7.586	933	935	938	rVB2	294073	253106	10.95%	0.413%
22	7.622	938	941	944	rVB2	491564	399130	17.26%	0.651%
23	7.704	952	955	956	rBV2	278994	272146	11.77%	0.444%
24	7.722	956	958	959	rVV2	307220	255965	11.07%	0.417%
25	7.739	959	961	965	rVB3	511807	507650	21.96%	0.828%
26	7.833	974	977	979	rBV	477002	323598	14.00%	0.528%
27	7.857	979	981	984	rVB3	221688	220244	9.53%	0.359%
28	7.922	988	992	996	rBV4	311186	410663	17.76%	0.670%
29	7.969	997	1000	1001	rBV	409756	350161	15.15%	0.571%
30	8.039	1009	1012	1013	rBV3	238320	196873	8.52%	0.321%
31	8.057	1013	1015	1017	rBV2	220921	212704	9.20%	0.347%
32	8.092	1017	1021	1023	rBV2	893805	1040579	45.01%	1.697%
33	8.145	1028	1030	1035	rVB3	655061	708091	30.63%	1.154%
34	8.186	1035	1037	1041	rVB2	424973	376358	16.28%	0.614%
35	8.257	1045	1049	1050	rBV4	256487	284696	12.31%	0.464%
36	8.304	1054	1057	1060	rVB2	722550	742944	32.13%	1.211%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VAULT-WASTE

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.392	1067	1072	1075	rVB4	931759	1223477	52.92%	1.995%
38	8.422	1075	1077	1079	rBV2	284251	238748	10.33%	0.389%
39	8.451	1079	1082	1084	rBV2	247326	277849	12.02%	0.453%
40	8.480	1084	1087	1090	rVB3	528739	586021	25.35%	0.955%
41	8.528	1090	1095	1099	rBV	1835880	1970288	85.22%	3.212%
42	8.563	1099	1101	1104	rVB2	507263	443246	19.17%	0.723%
43	8.604	1105	1108	1111	rBV3	363923	331961	14.36%	0.541%
44	8.645	1111	1115	1117	rBV3	667806	734028	31.75%	1.197%
45	8.704	1120	1125	1128	rBV6	281448	609782	26.38%	0.994%
46	8.792	1137	1140	1143	rVB4	554713	652328	28.22%	1.064%
47	8.851	1146	1150	1152	rBV5	393724	450034	19.47%	0.734%
48	8.910	1152	1160	1161	rBV5	591900	1167243	50.49%	1.903%
49	8.980	1169	1172	1174	rBV4	268418	255651	11.06%	0.417%
50	9.010	1174	1177	1180	rVB4	646661	692323	29.95%	1.129%
51	9.045	1180	1183	1185	rBV3	290728	328070	14.19%	0.535%
52	9.127	1193	1197	1201	rVB2	2254163	2025598	87.61%	3.302%
53	9.175	1201	1205	1207	rVB	1336702	1156832	50.04%	1.886%
54	9.263	1216	1220	1224	rBV5	561985	780162	33.74%	1.272%
55	9.380	1237	1240	1243	rVB3	393780	403123	17.44%	0.657%
56	9.445	1246	1251	1254	rVB3	558686	880306	38.08%	1.435%
57	9.533	1264	1266	1269	rVB3	312487	313915	13.58%	0.512%
58	9.580	1269	1274	1277	rBV	2008974	2242156	96.98%	3.655%
59	9.604	1277	1278	1280	rVV2	353364	242443	10.49%	0.395%
60	9.627	1280	1282	1287	rVB5	413012	474753	20.53%	0.774%
61	9.710	1295	1296	1298	rBV	255513	231390	10.01%	0.377%
62	9.769	1303	1306	1308	rBV2	516601	470264	20.34%	0.767%
63	9.851	1314	1320	1323	rBV5	895560	1390526	60.15%	2.267%
64	9.892	1325	1327	1329	rVB3	339933	264997	11.46%	0.432%
65	9.963	1335	1339	1342	rVB2	628595	843332	36.48%	1.375%
66	9.998	1343	1345	1347	rBV	212361	235412	10.18%	0.384%
67	10.057	1351	1355	1358	rVV2	939095	1034474	44.74%	1.687%
68	10.098	1359	1362	1363	rVV	591549	484881	20.97%	0.791%
69	10.116	1363	1365	1372	rVB4	757434	935677	40.47%	1.525%
70	10.174	1372	1375	1377	rBV2	712095	769822	33.30%	1.255%
71	10.198	1377	1379	1381	rVB	420855	287372	12.43%	0.469%
72	10.316	1397	1399	1402	rBV2	283077	351558	15.21%	0.573%
73	10.345	1402	1404	1409	rVB4	431018	567365	24.54%	0.925%
74	10.392	1409	1412	1414	rBV3	555319	569303	24.62%	0.928%
75	10.422	1414	1417	1419	rVB3	360551	389345	16.84%	0.635%
76	10.486	1426	1428	1429	rBV	280213	227431	9.84%	0.371%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.516	1429	1433	1436	rVB	1623541	1670409	72.25%	2.723%
78	10.598	1445	1447	1449	rBV2	216224	238641	10.32%	0.389%
79	10.639	1449	1454	1458	rVV5	762091	1049955	45.41%	1.712%
80	10.674	1458	1460	1462	rVV2	266845	250360	10.83%	0.408%
81	10.698	1462	1464	1466	rVB	323726	253844	10.98%	0.414%
82	10.780	1473	1478	1481	rBV2	2078640	2311955	100.00%	3.769%
83	10.839	1486	1488	1490	rBV2	279775	236486	10.23%	0.386%
84	10.974	1509	1511	1518	rVB6	508625	777434	33.63%	1.267%
85	11.245	1553	1557	1563	rVB2	1866569	2068251	89.46%	3.372%
86	11.339	1570	1573	1575	rBV	477115	469745	20.32%	0.766%
87	11.363	1575	1577	1579	rVB	521878	392423	16.97%	0.640%
88	11.592	1614	1616	1620	rVB	533104	471244	20.38%	0.768%
89	11.669	1627	1629	1631	rBV	272728	216894	9.38%	0.354%
90	11.845	1656	1659	1661	rBV2	358592	369836	16.00%	0.603%
91	11.868	1661	1663	1667	rVB	641661	558957	24.18%	0.911%
92	11.951	1675	1677	1679	rBV	280635	237892	10.29%	0.388%
93	12.074	1696	1698	1701	rVB	246417	215251	9.31%	0.351%
94	12.327	1737	1741	1746	rVB3	520888	902160	39.02%	1.471%
95	12.398	1750	1753	1756	rBV	583512	574267	24.84%	0.936%
96	12.845	1826	1829	1832	rBV	329274	322180	13.94%	0.525%
97	12.927	1840	1843	1846	rBV	1327641	1262396	54.60%	2.058%
98	13.374	1917	1919	1923	rVB	305337	280014	12.11%	0.457%
99	13.980	2019	2022	2028	rVB	484743	543185	23.49%	0.886%
100	15.433	2266	2269	2272	rVB	257691	279398	12.08%	0.456%

Sum of corrected areas: 61336648

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
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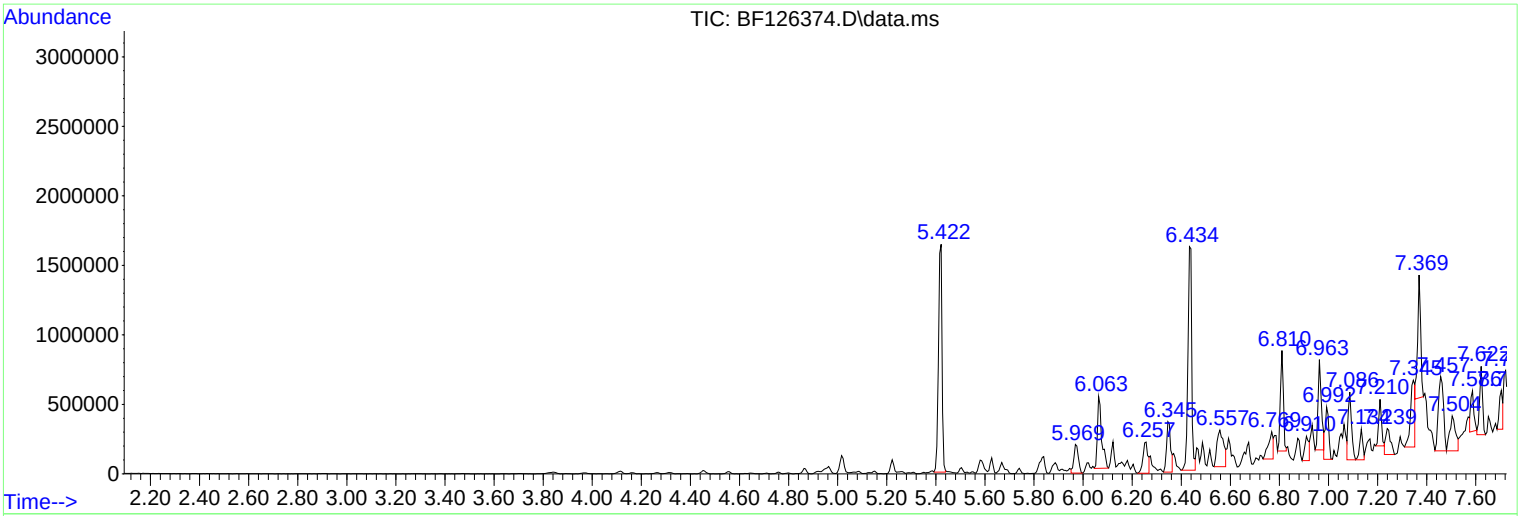
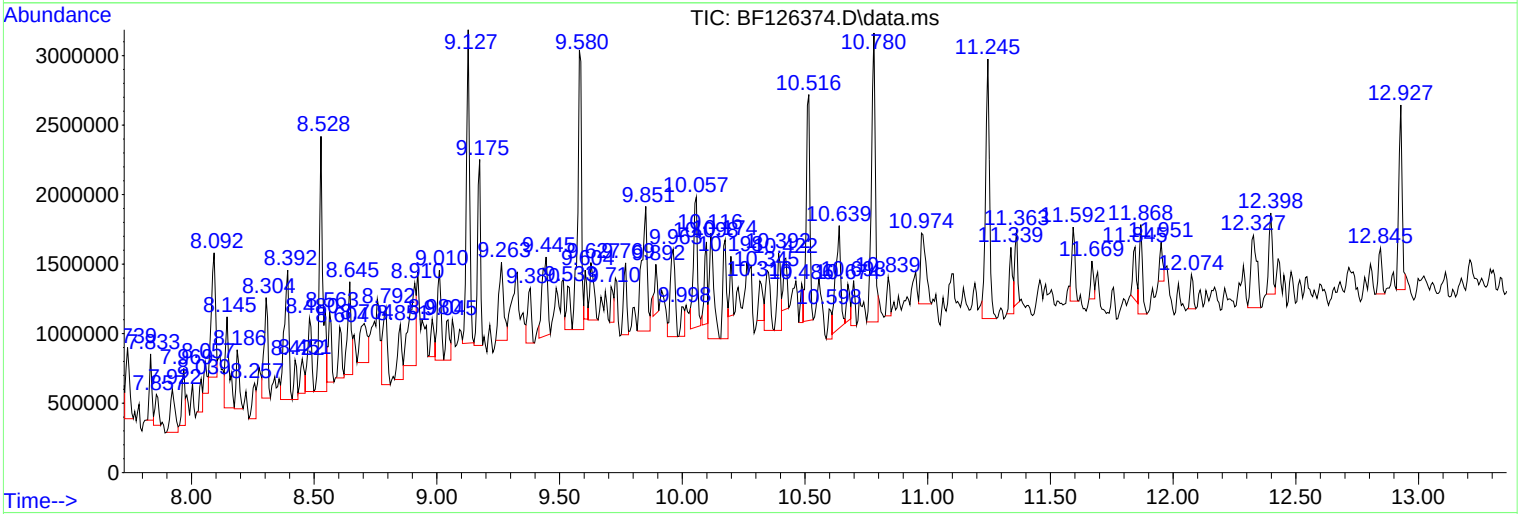
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

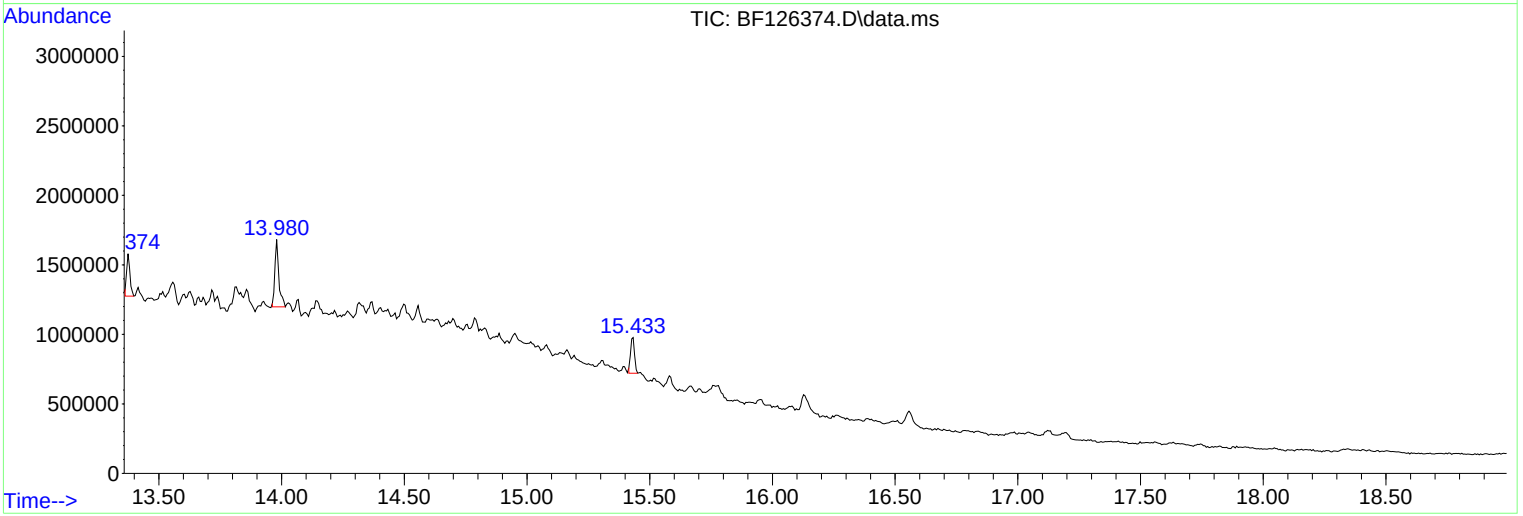
Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

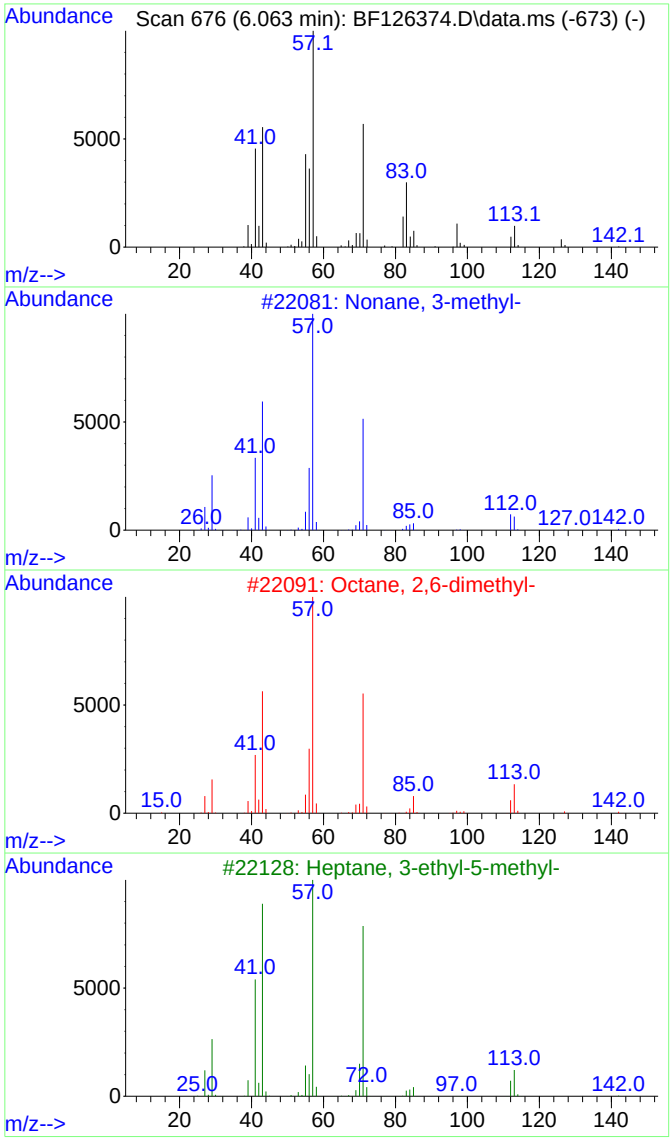
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

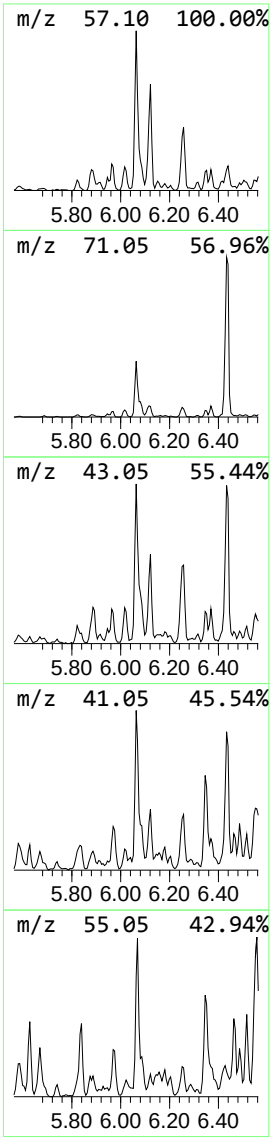
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	21.14 ng	622191	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	62
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

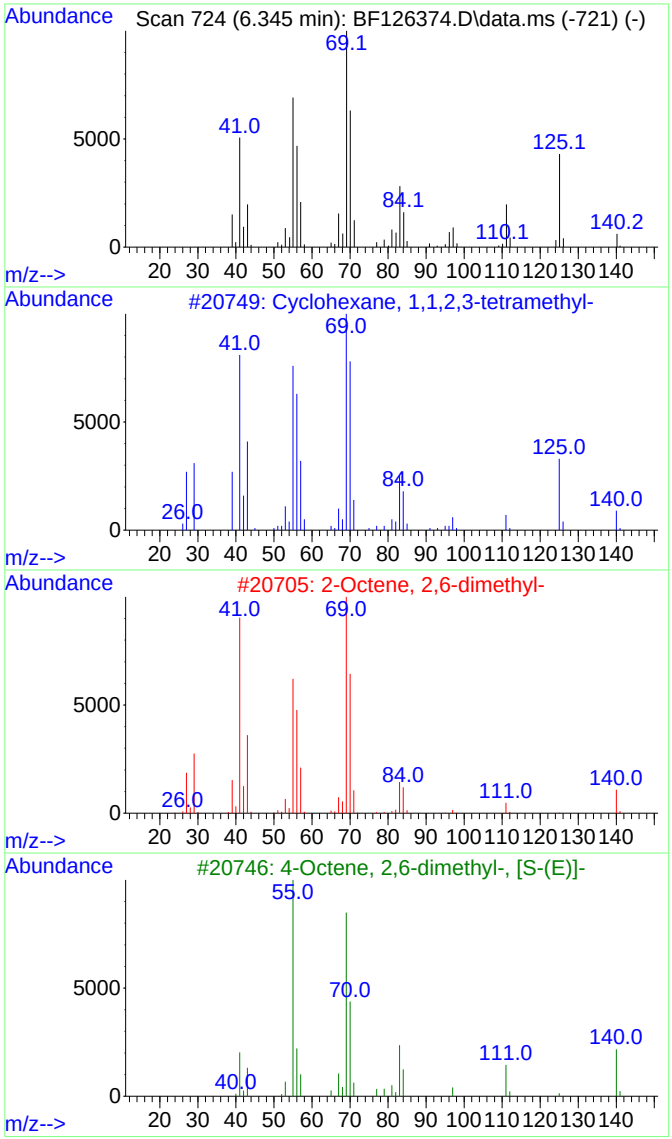
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

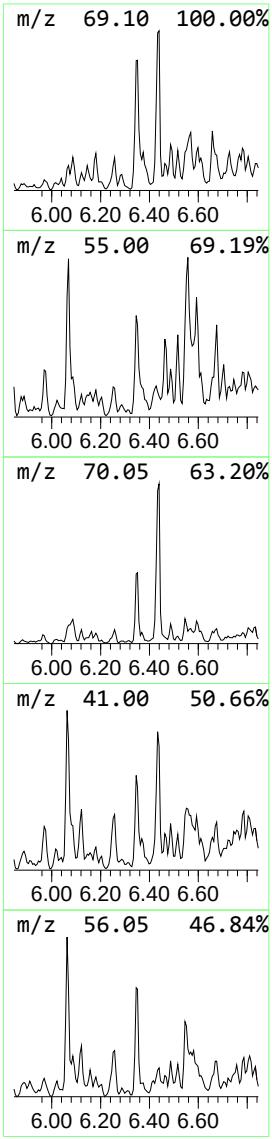
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	14.46 ng	425578	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
4	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	49
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

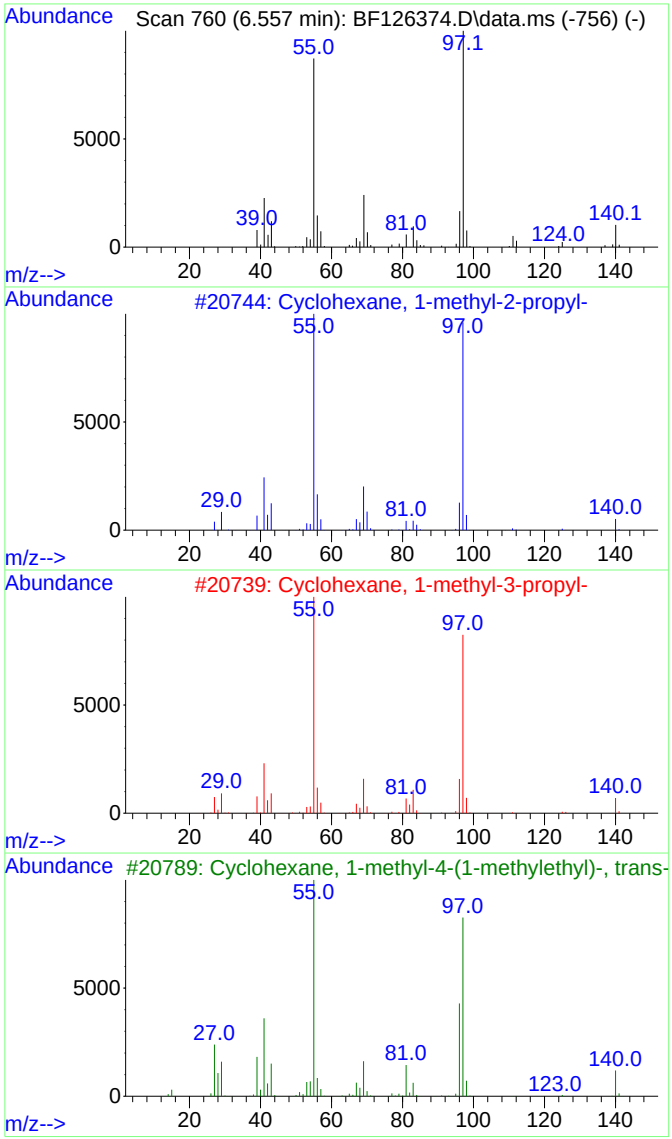
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

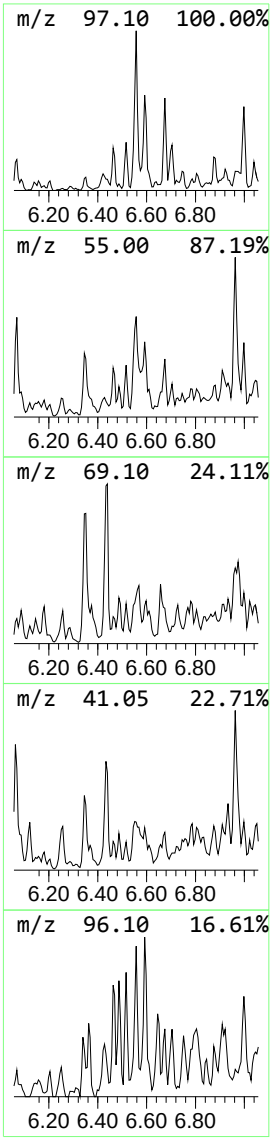
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1-methyl-2-pro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	17.10 ng	503141	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

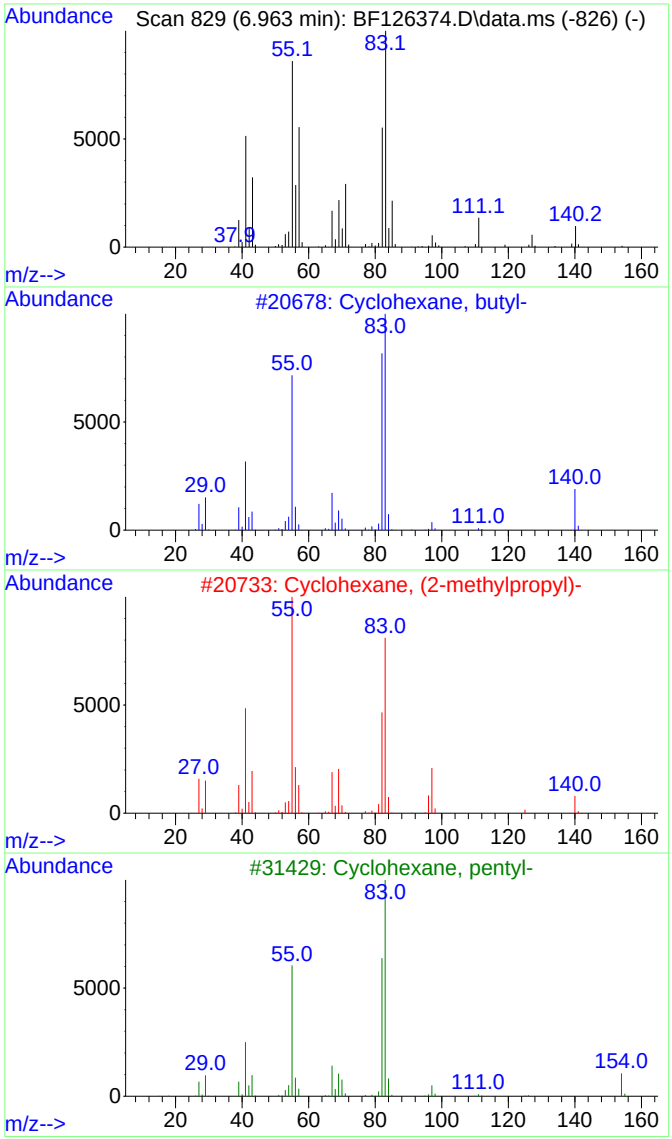
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

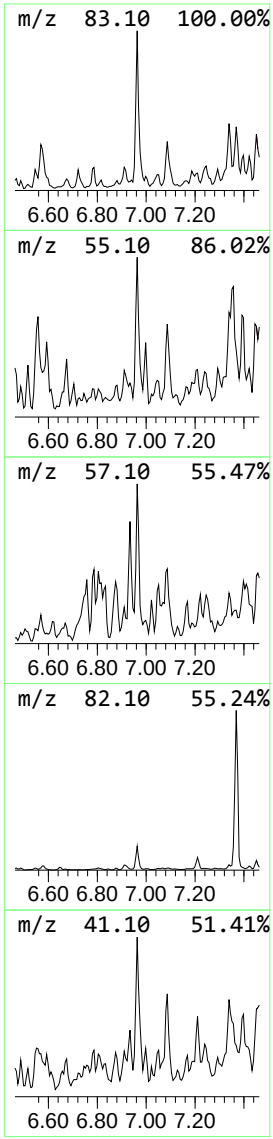
****

Peak Number 4 Cyclohexane, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	21.23 ng	624949	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4	1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	46
5	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1010309-30-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

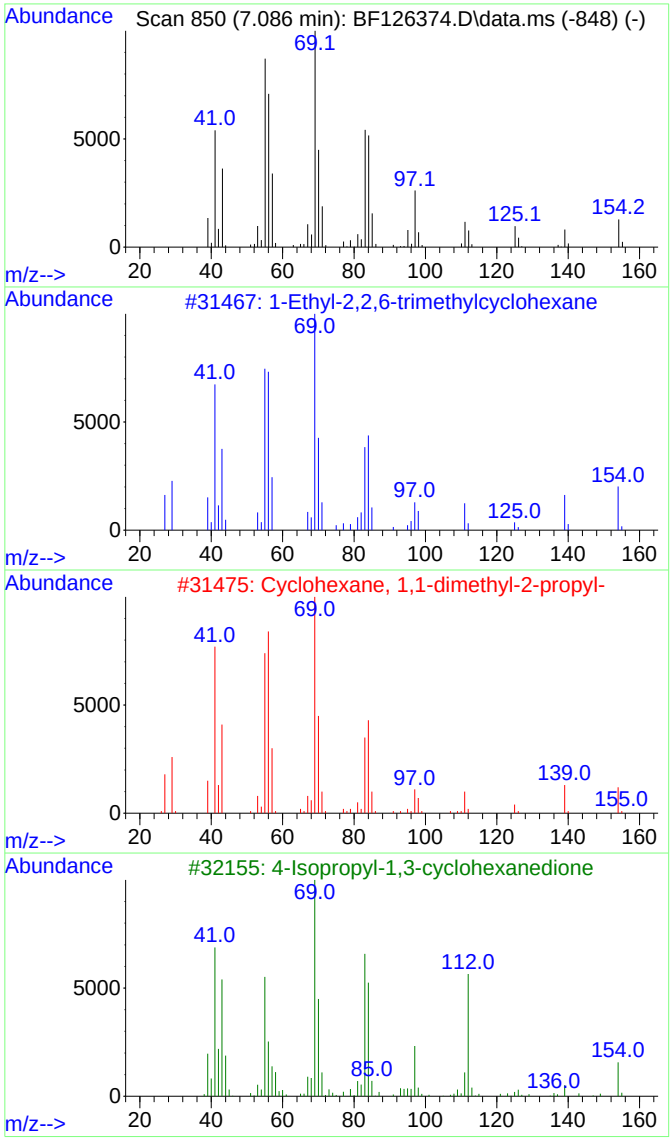
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

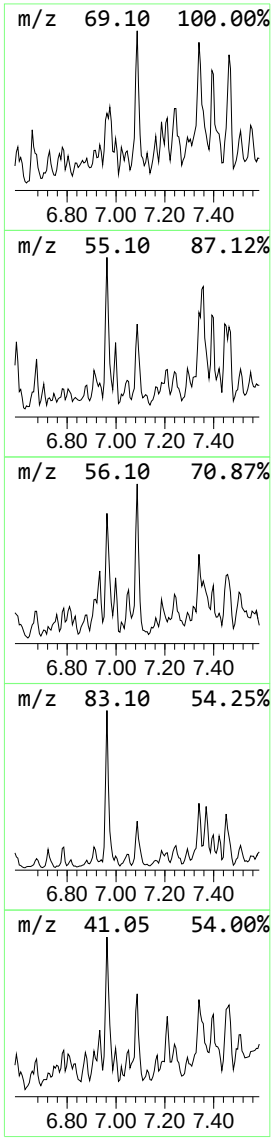
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.086	15.65 ng	460736	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	90
3	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	87
4	3-Undecene, (E)-	154	C11H22	001002-68-2	72
5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	59





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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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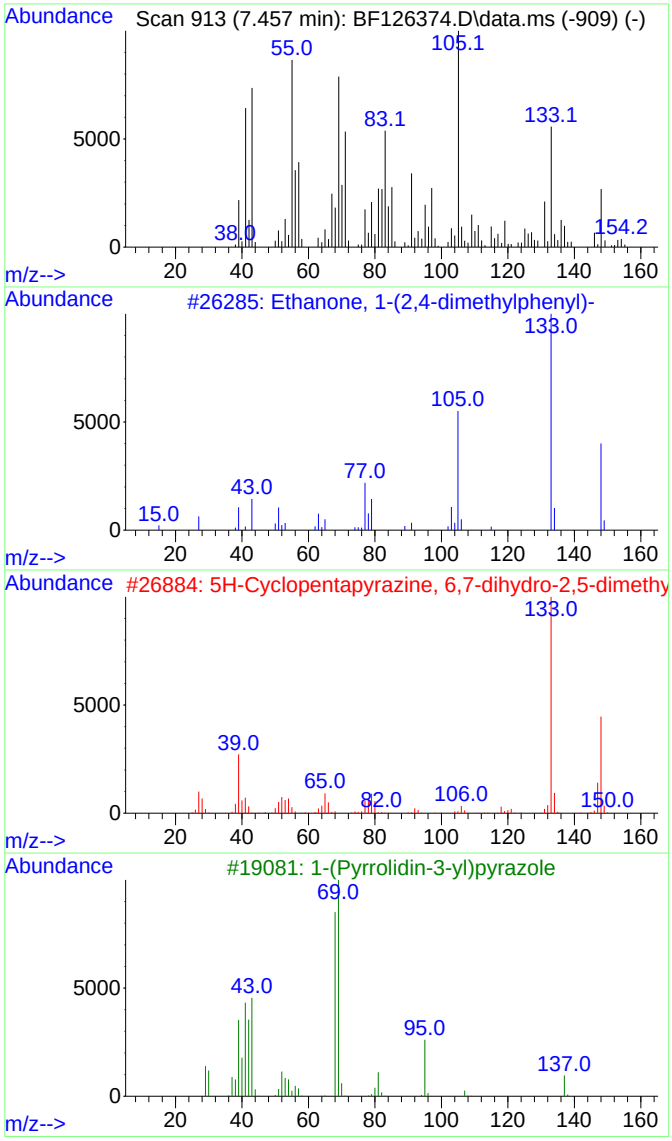
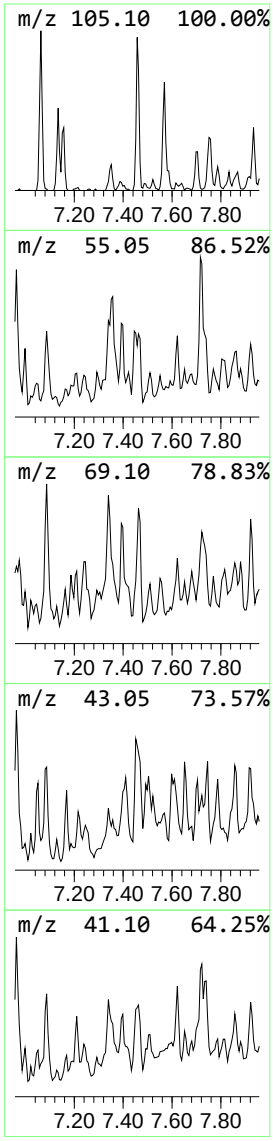
Peak Number 6 unknown7.457 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.457	14.85 ng	772801	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25
2	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	25
3	1-(Pyrrolidin-3-yl)pyrazole	137	C7H11N3	1000459-08-8	25
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25
5	4,8-Dimethyl-4-hydroxy-1-nonene	170	C11H22O	1000432-13-0	22





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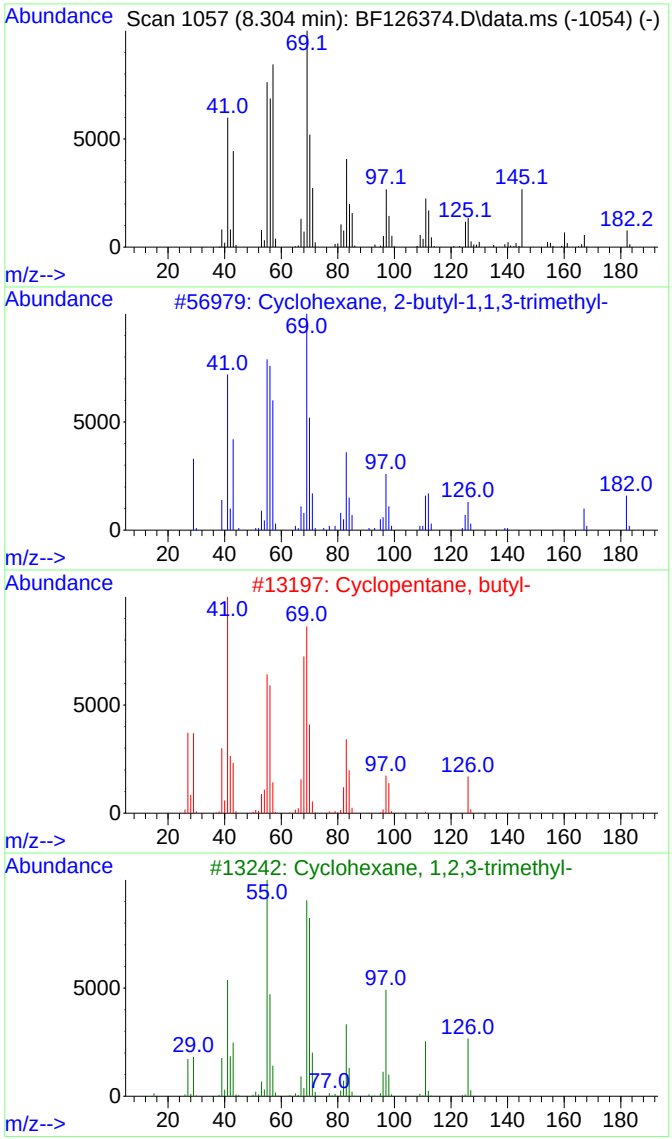
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

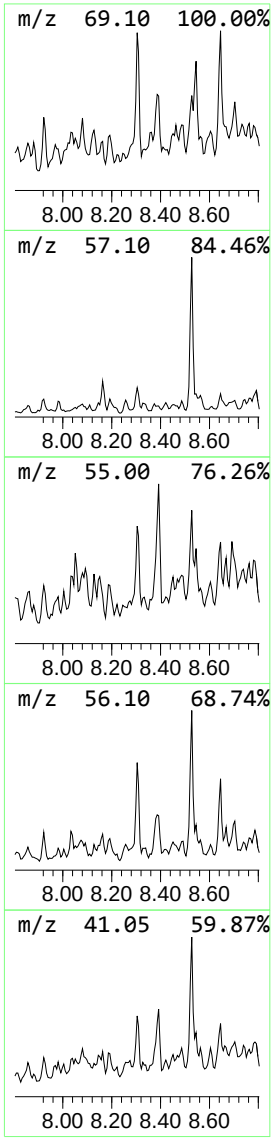
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	14.28 ng	742944	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	72
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
4	1-Dodecanol	186	C12H26O	000112-53-8	52
5	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	52





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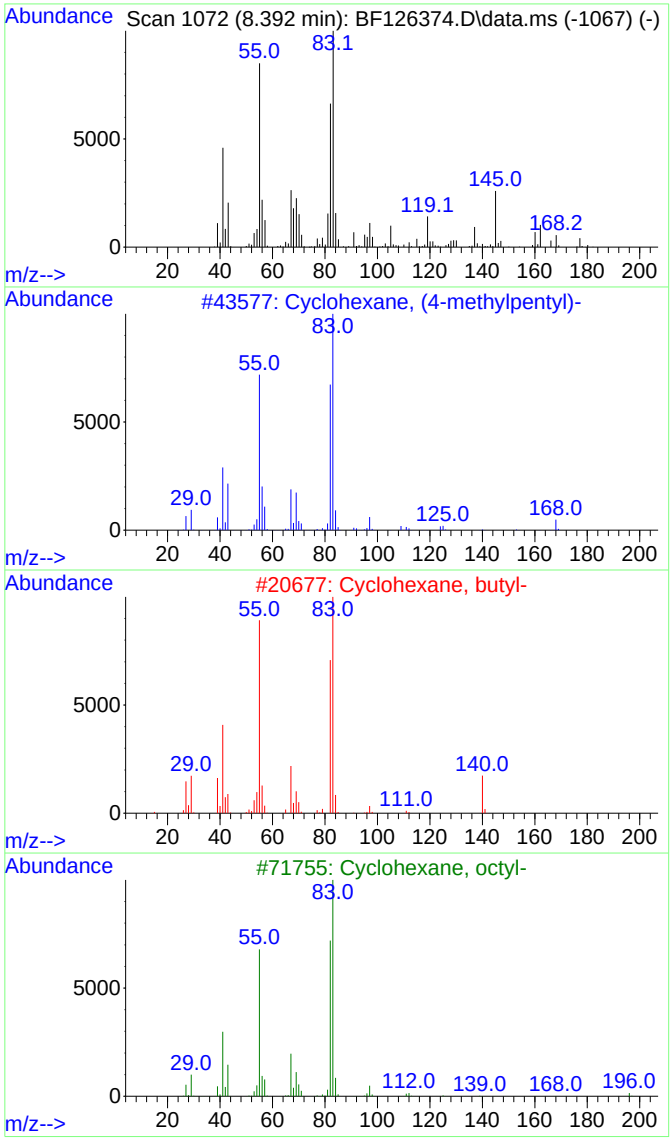
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

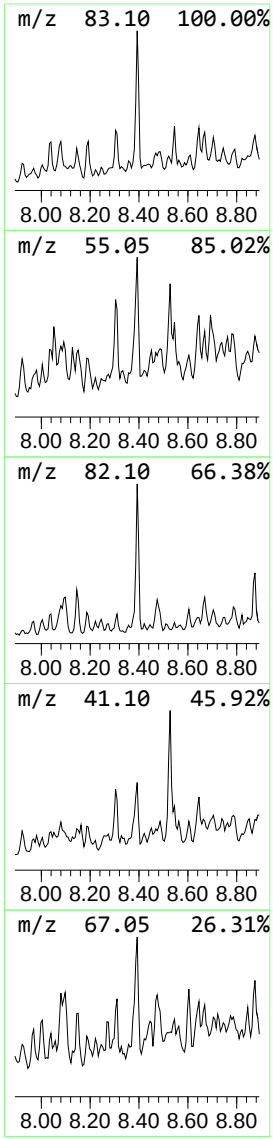
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.392	23.52 ng	1223480	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	52
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





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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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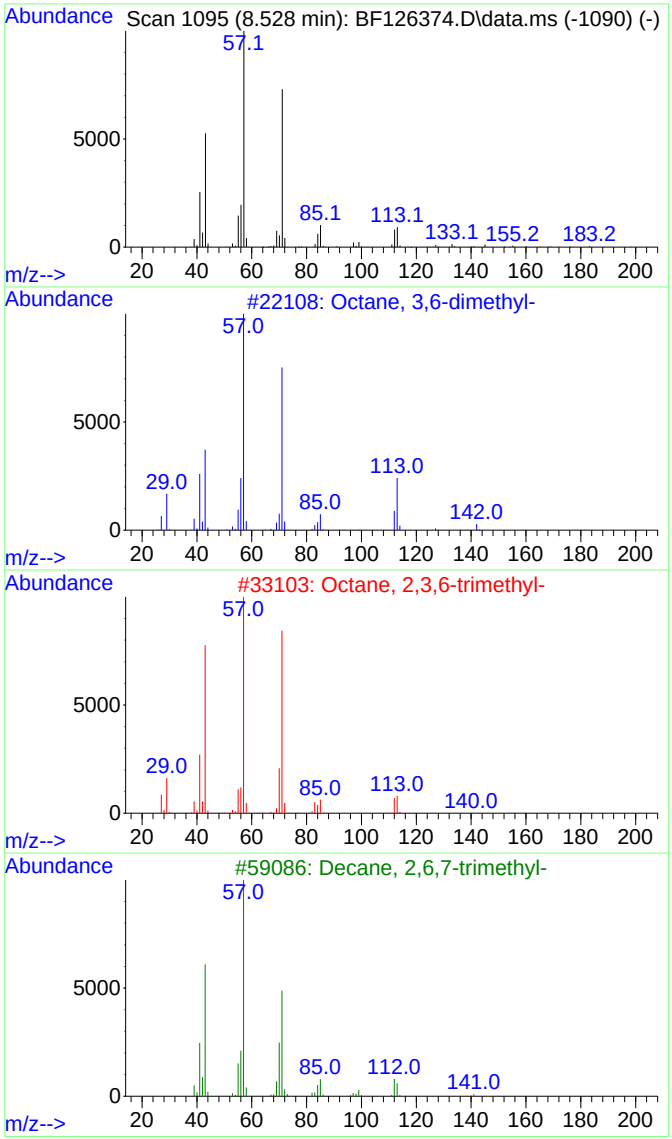
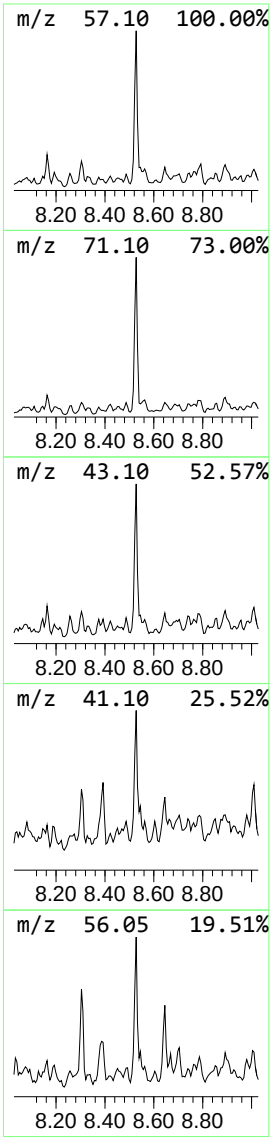
Peak Number 9 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	37.87 ng	1970290	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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

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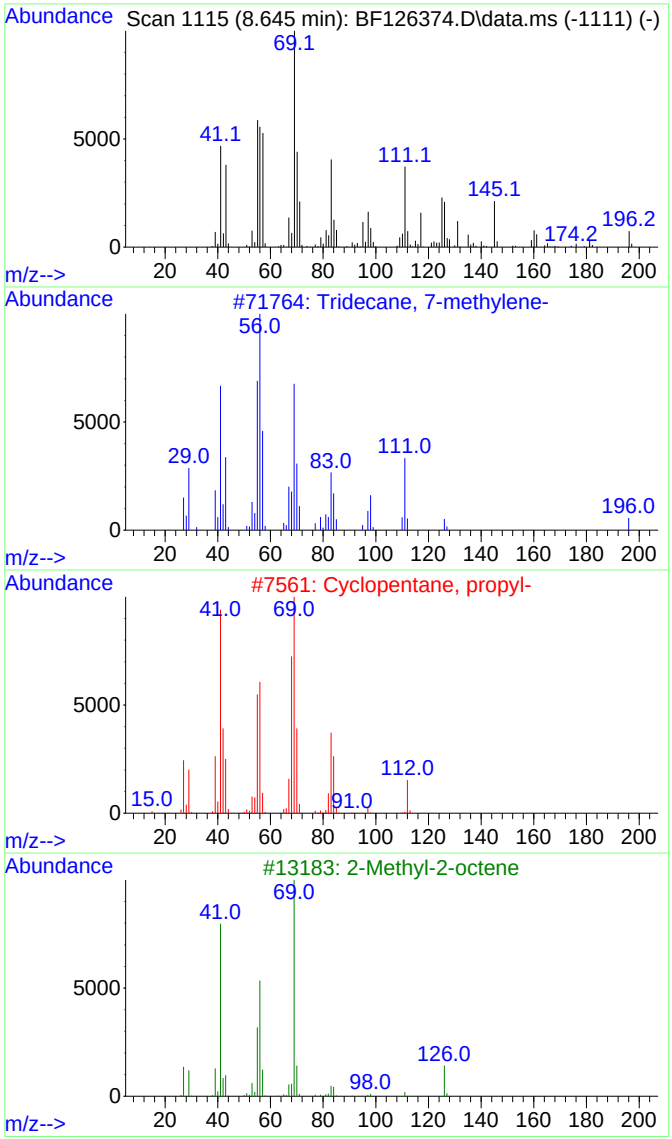
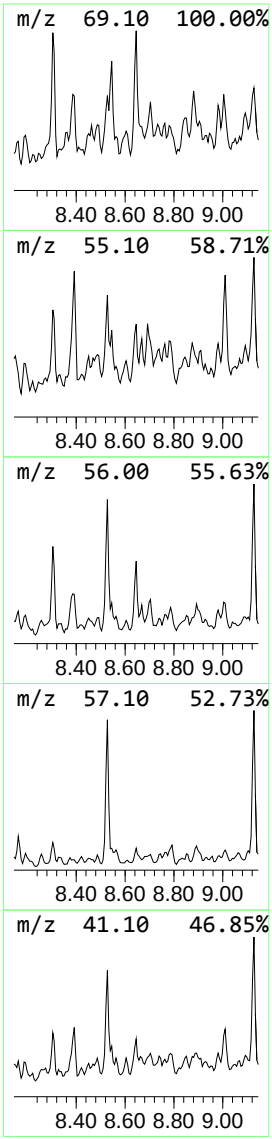
Peak Number 10 Tridecane, 7-methylene- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	14.11 ng	734028	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	58
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	52
3	2-Methyl-2-octene	126	C9H18	016993-86-5	43
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	38





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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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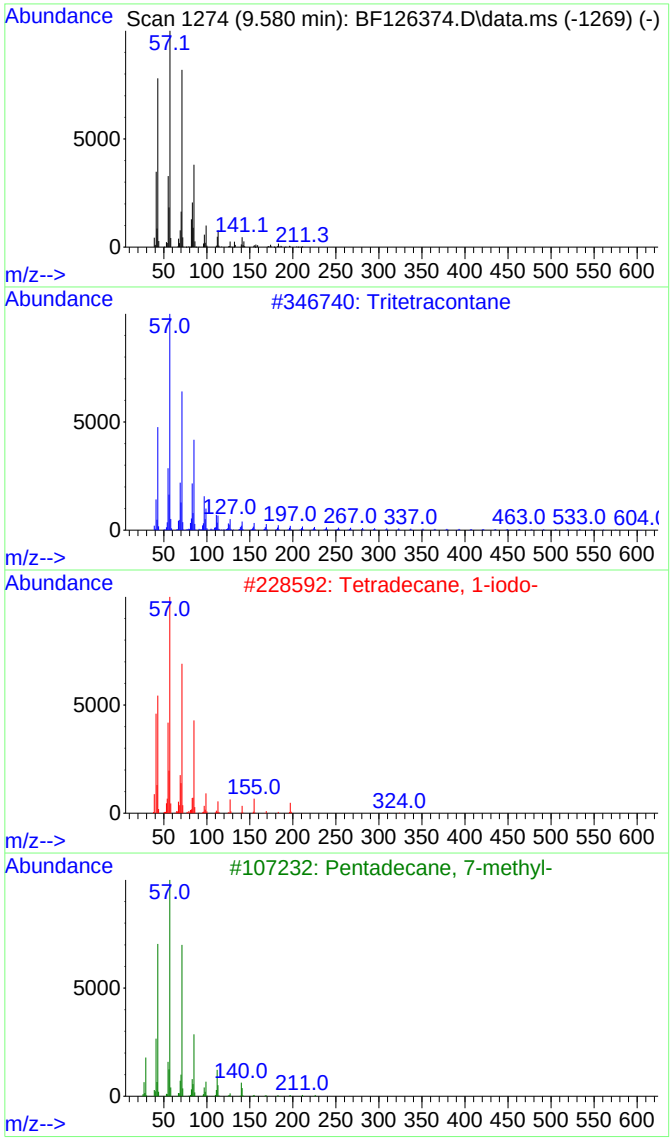
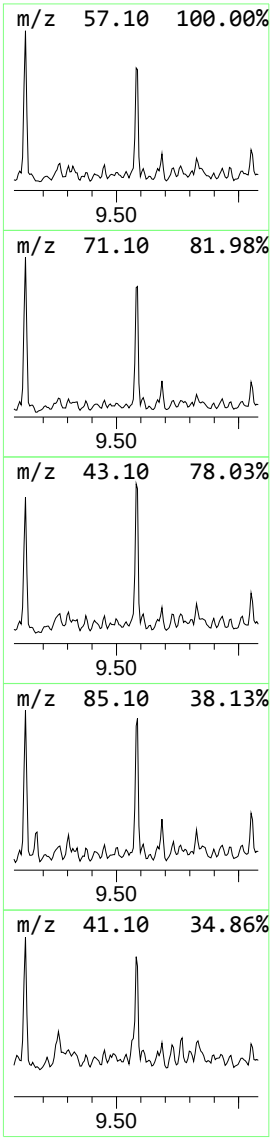
Peak Number 11 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	32.25 ng	2242160	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Eicosane	282	C20H42	000112-95-8	72





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TIC Library : C:\Database\NIST20.L
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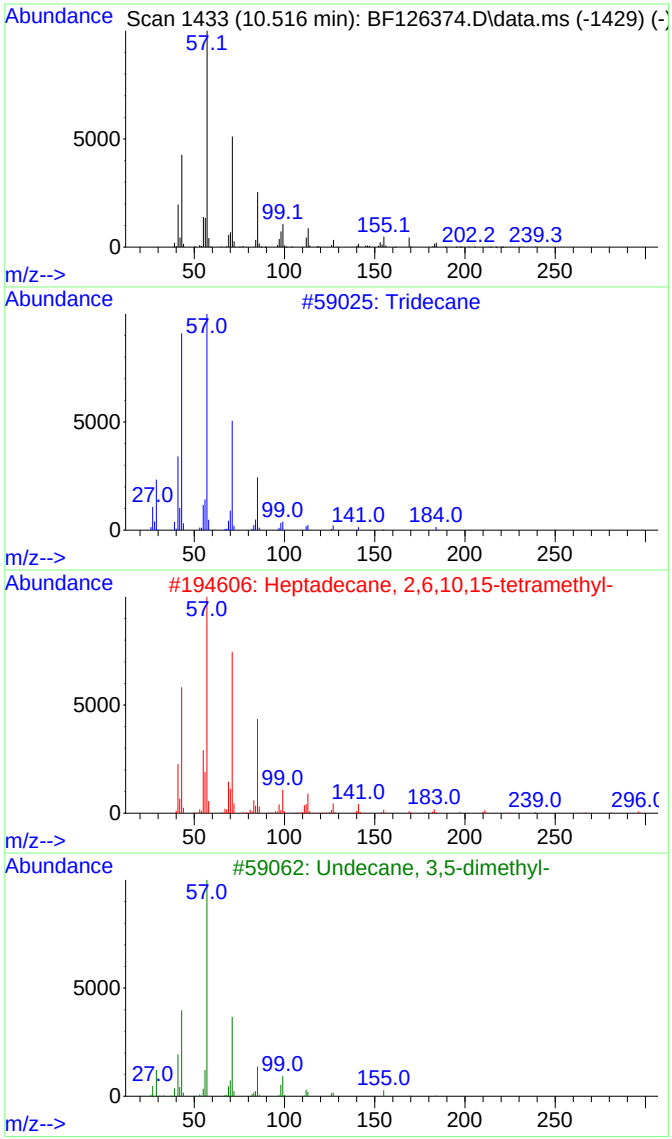
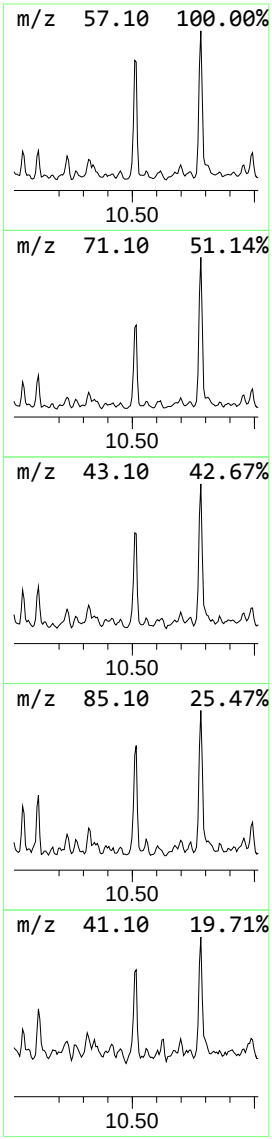
Peak Number 12 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	24.03 ng	1670410	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Heptacosane	380	C27H56	000593-49-7	59





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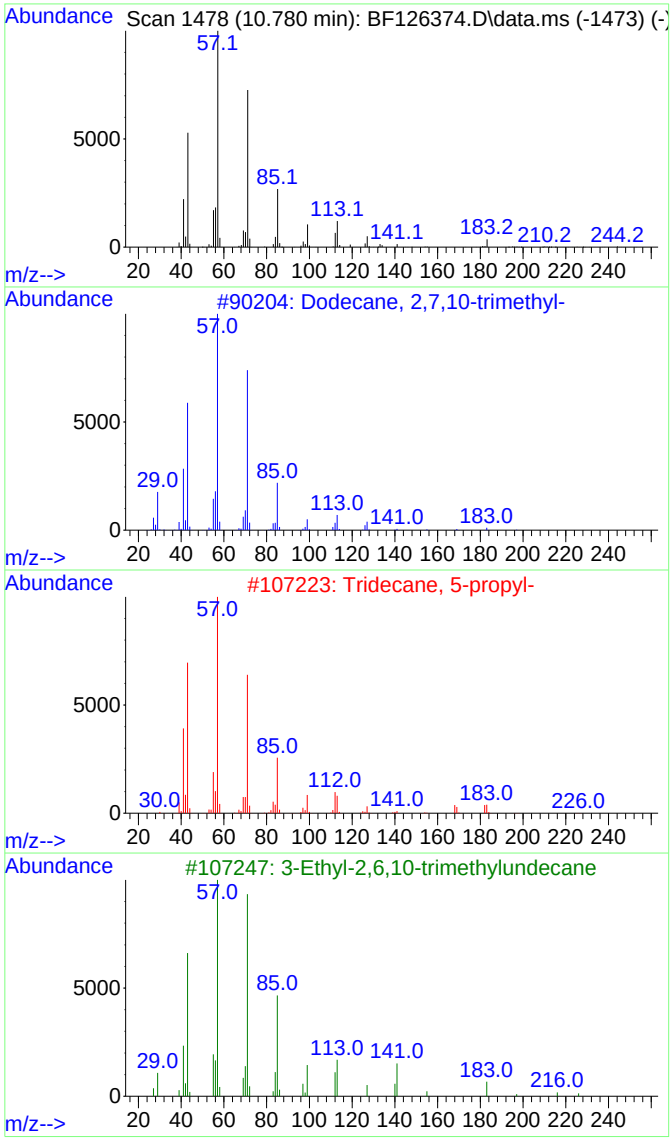
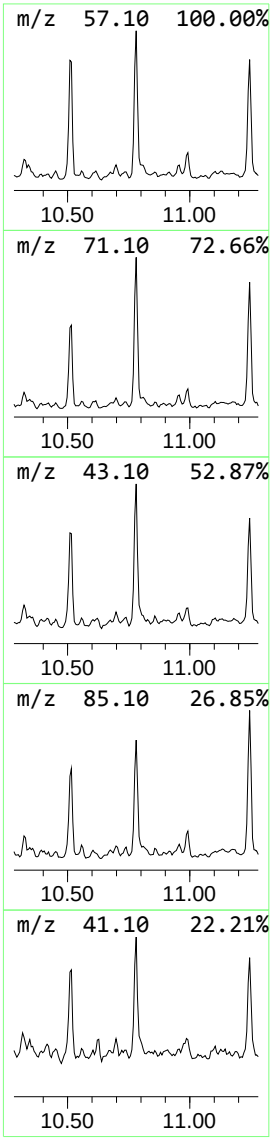
****
Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	98.43 ng	2311960	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	78
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





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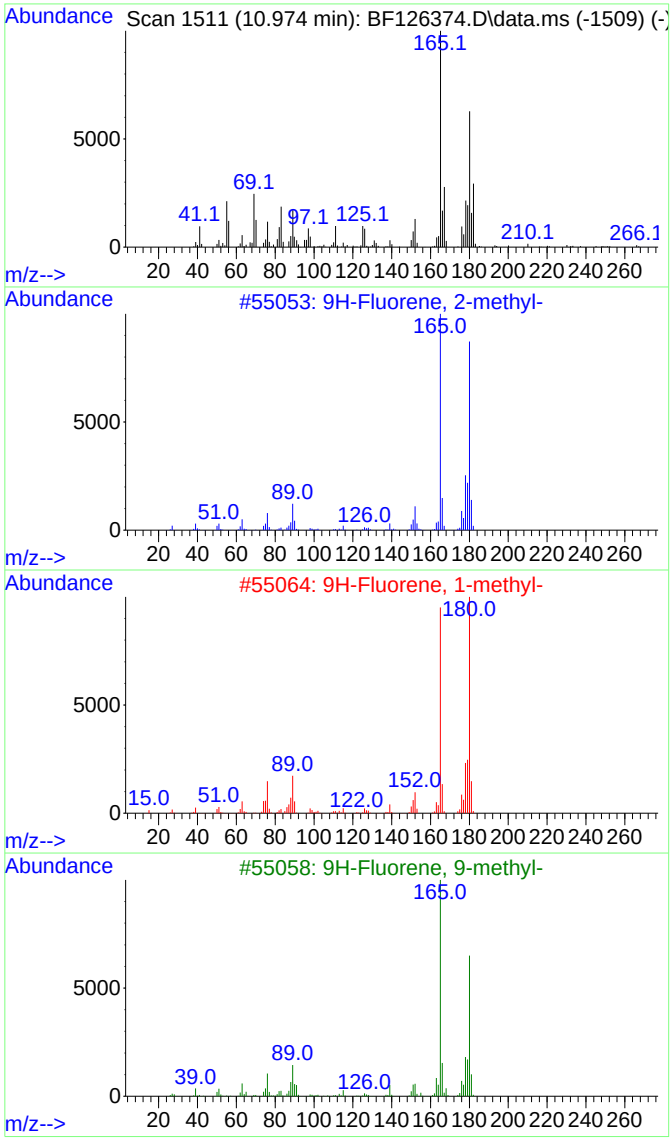
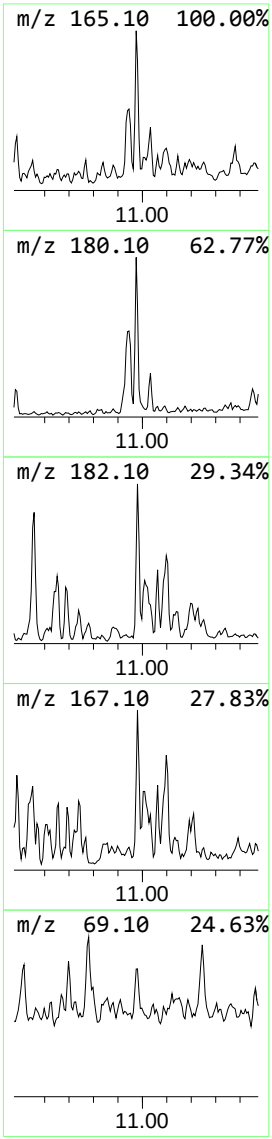
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.974	33.10 ng	777434	Phenanthrene-d10	11.339

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	87
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
5	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	72





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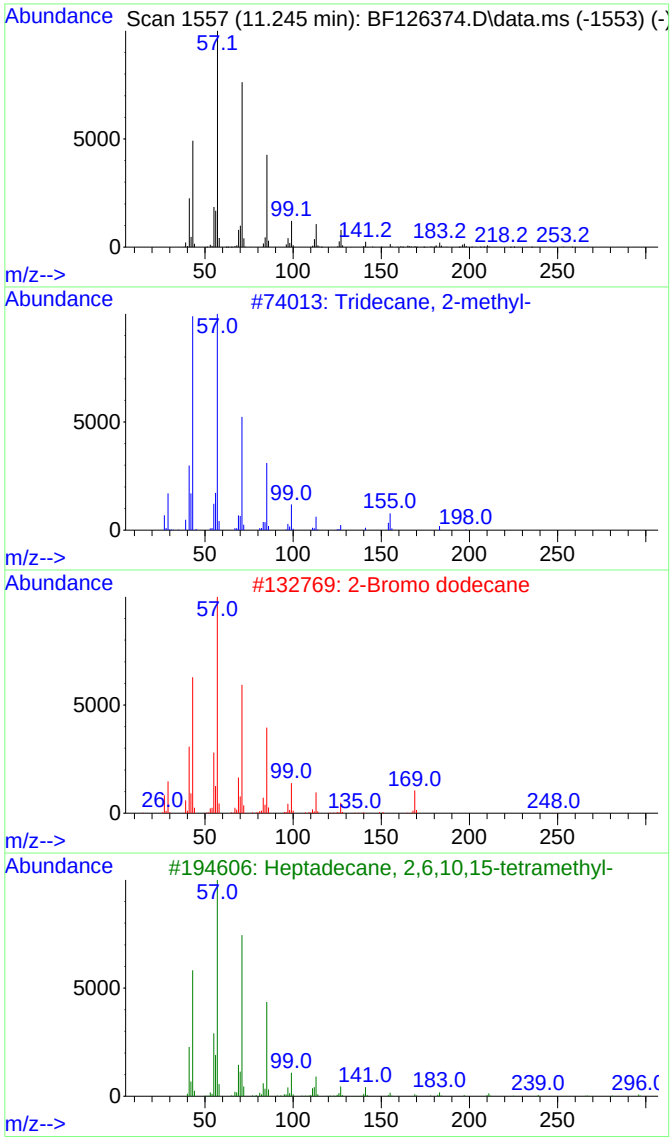
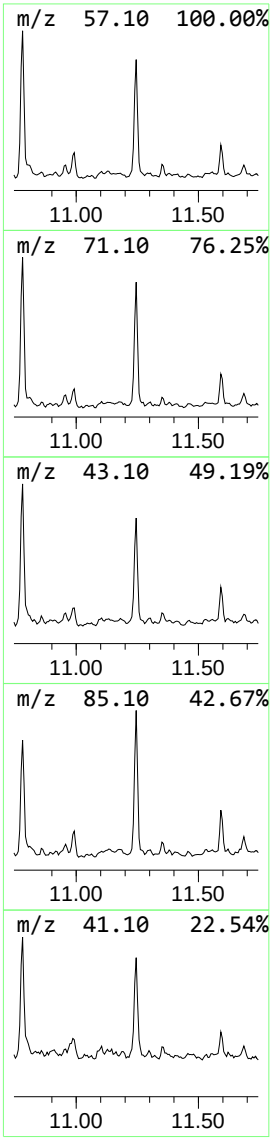
****
Peak Number 15 Tridecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	88.06 ng	2068250	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





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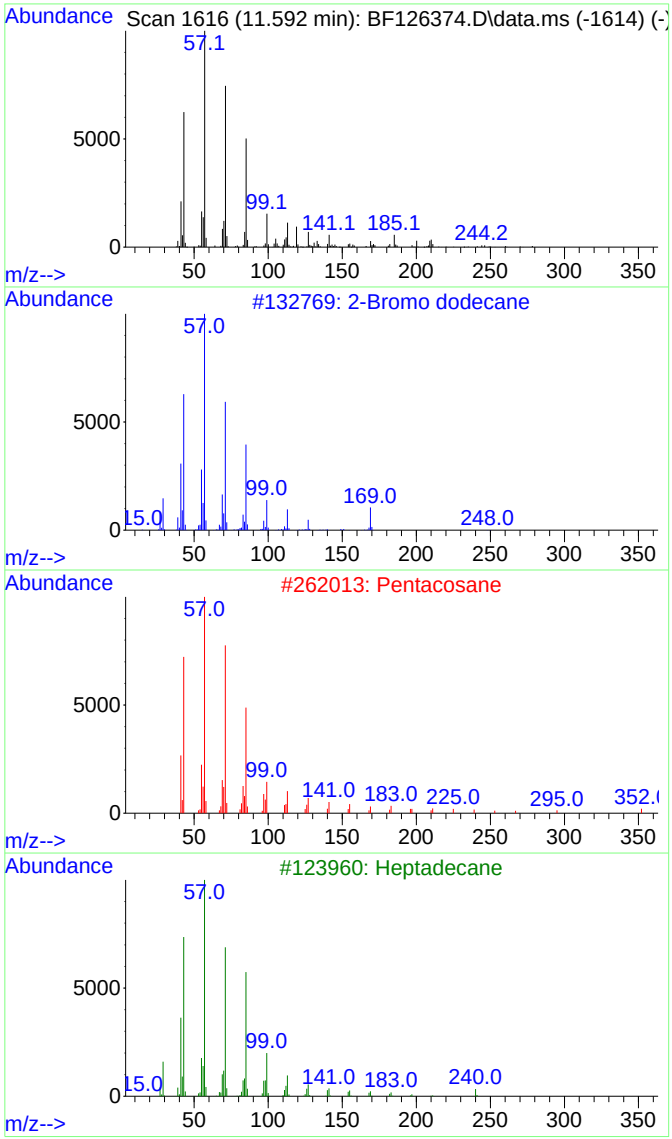
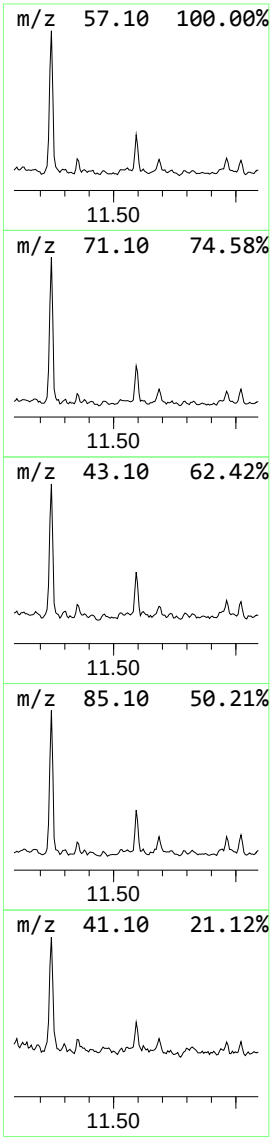
****
Peak Number 16 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.592	20.06 ng	471244	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Pentacosane	352	C25H52	000629-99-2	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

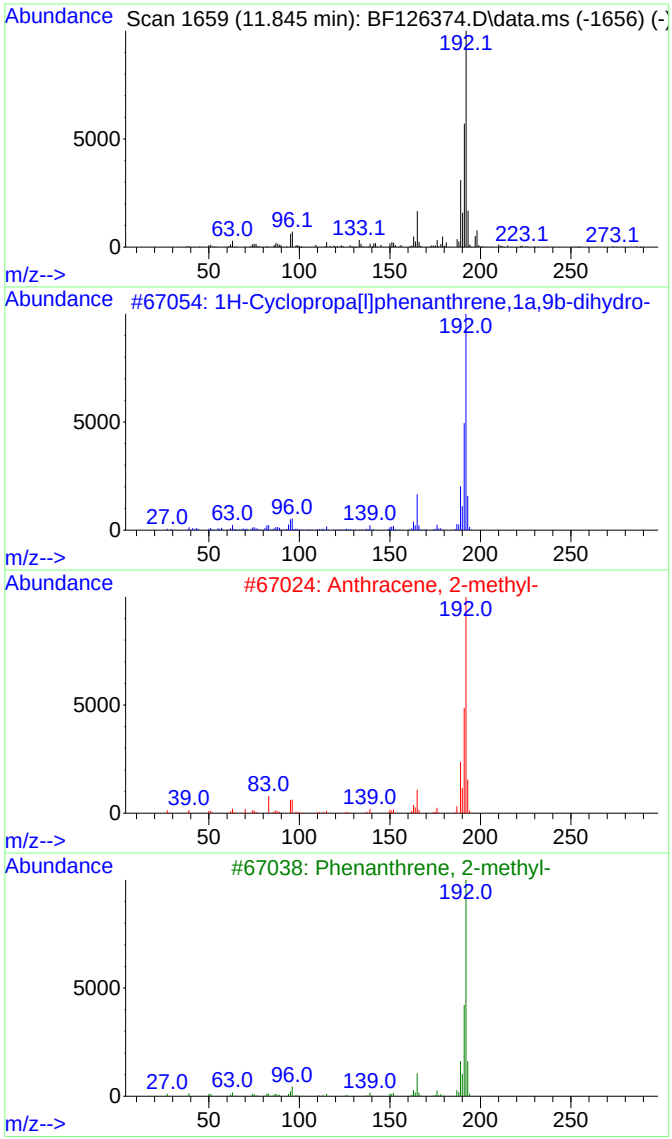
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

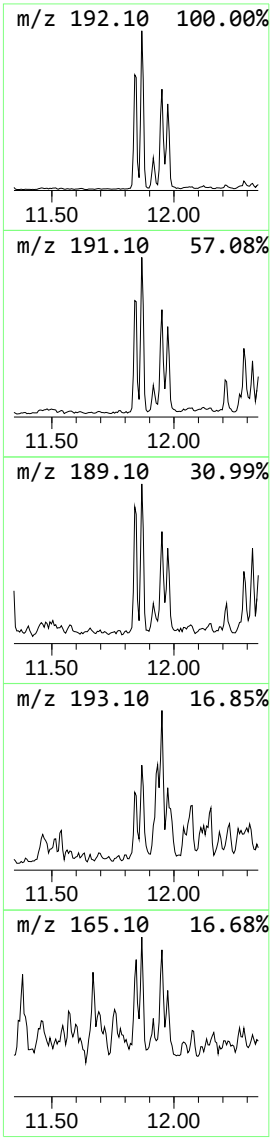
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	15.75 ng	369836	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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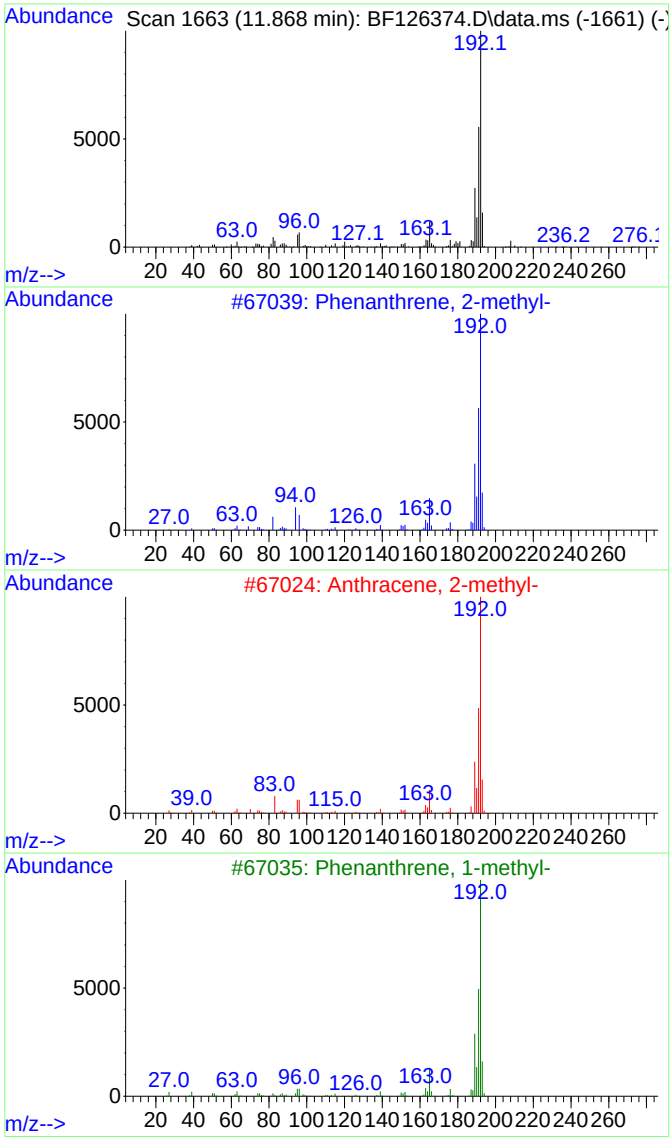
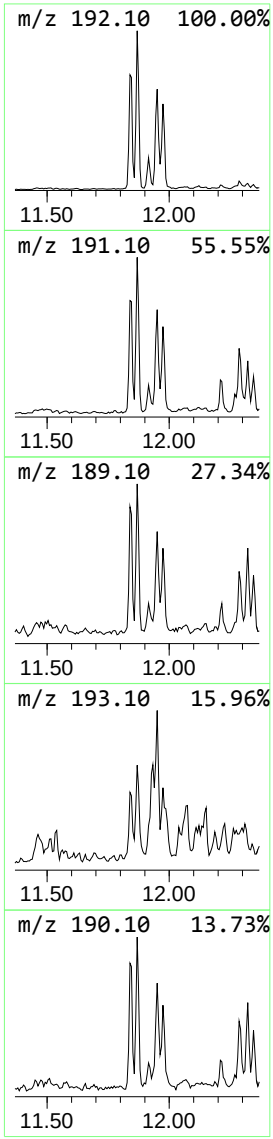
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	23.80 ng	558957	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

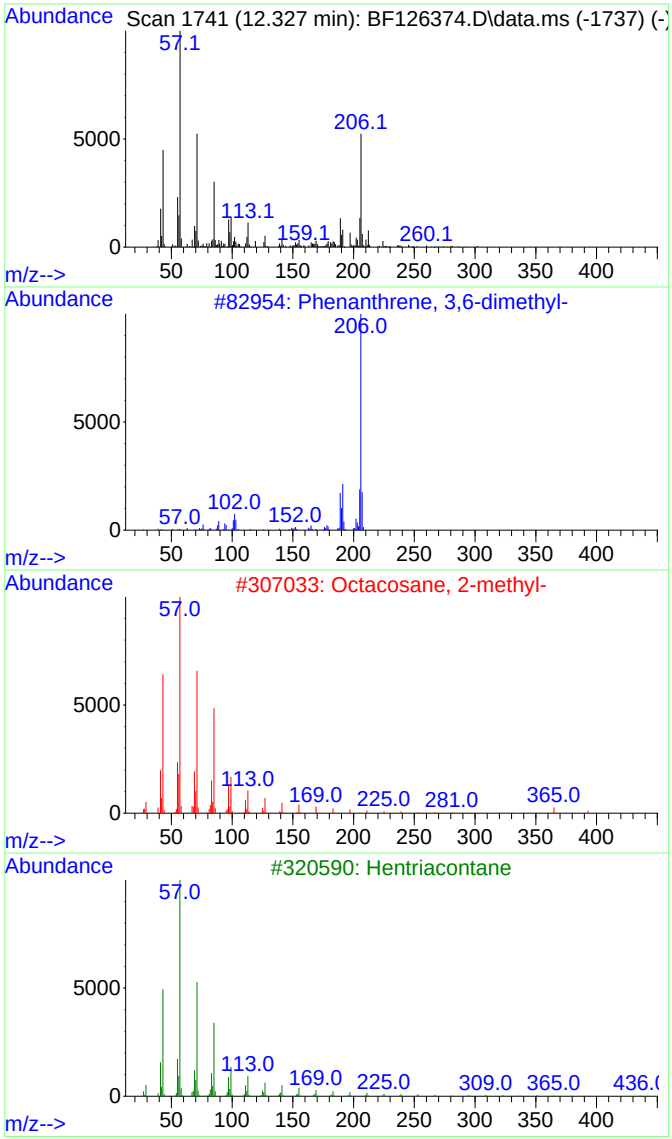
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

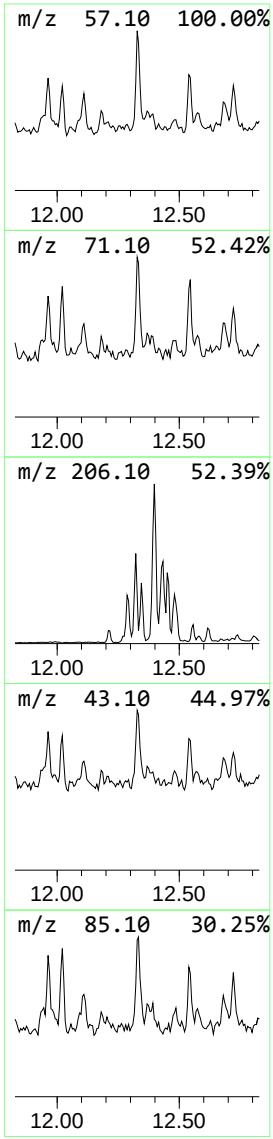
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	38.41 ng	902160	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	46
3	Hentriacontane	437	C31H64	000630-04-6	46
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	45
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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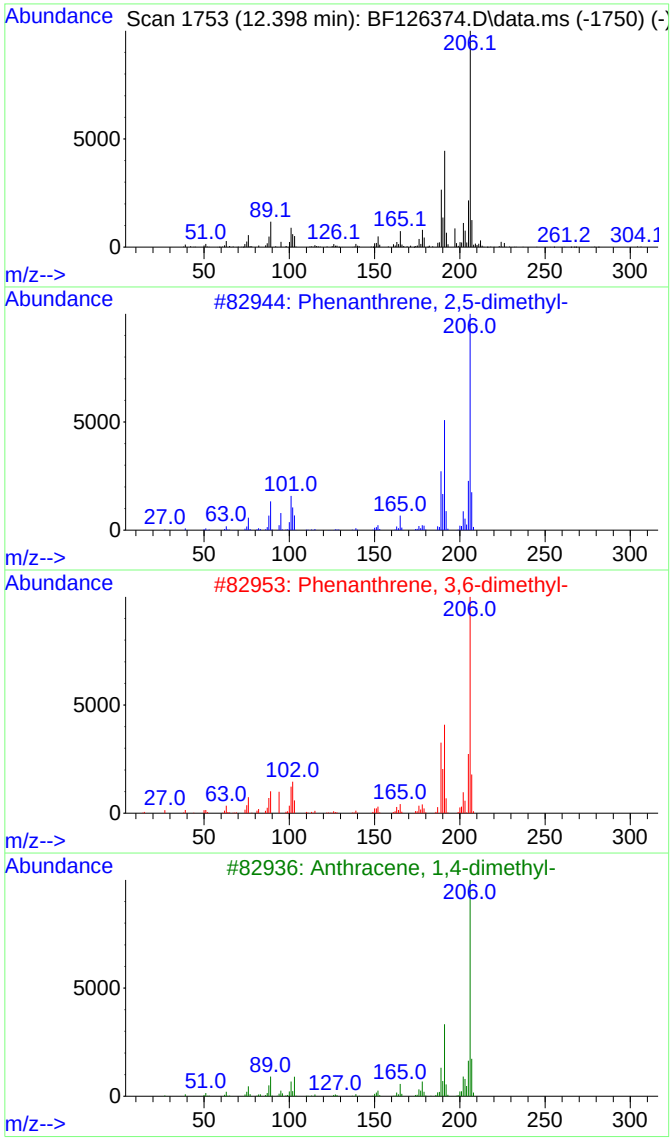
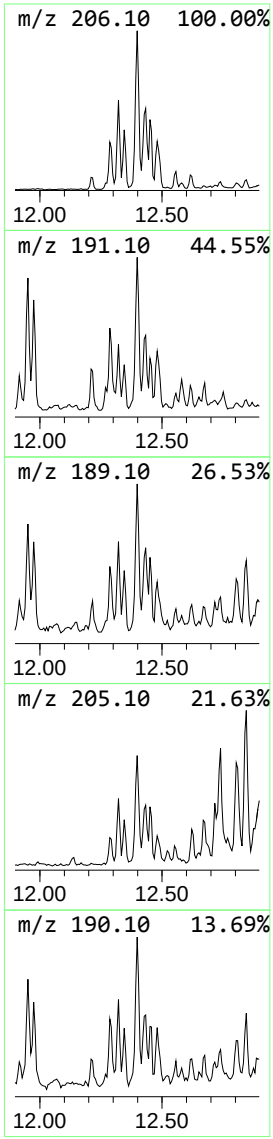
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	24.45 ng	574267	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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, 3-methyl-	6.063	21.1	ng	622191	1	6.810	588613	20.0
Cyclohexane, 1,...	6.345	14.5	ng	425578	1	6.810	588613	20.0
Cyclohexane, 1-...	6.557	17.1	ng	503141	1	6.810	588613	20.0
Cyclohexane, bu...	6.963	21.2	ng	624949	1	6.810	588613	20.0
1-Ethyl-2,2,6-t...	7.086	15.7	ng	460736	1	6.810	588613	20.0
unknown7.457	7.457	14.9	ng	772801	2	8.092	1040580	20.0
Cyclohexane, 2-...	8.304	14.3	ng	742944	2	8.092	1040580	20.0
Cyclohexane, (4...	8.392	23.5	ng	1223480	2	8.092	1040580	20.0
Octane, 3,6-dim...	8.528	37.9	ng	1970290	2	8.092	1040580	20.0
Tridecane, 7-me...	8.645	14.1	ng	734028	2	8.092	1040580	20.0
Tritetracontane	9.580	32.3	ng	2242160	3	9.851	1390530	20.0
Tridecane	10.516	24.0	ng	1670410	3	9.851	1390530	20.0
Dodecane, 2,7,1...	10.780	98.4	ng	2311960	4	11.339	469745	20.0
9H-Fluorene, 2-...	10.974	33.1	ng	777434	4	11.339	469745	20.0
Tridecane, 2-me...	11.245	88.1	ng	2068250	4	11.339	469745	20.0
2-Bromo dodecane	11.592	20.1	ng	471244	4	11.339	469745	20.0
1H-Cyclopropa[l...	11.845	15.8	ng	369836	4	11.339	469745	20.0
Phenanthrene, 2...	11.868	23.8	ng	558957	4	11.339	469745	20.0
Phenanthrene, 3...	12.327	38.4	ng	902160	4	11.339	469745	20.0
Phenanthrene, 2...	12.398	24.4	ng	574267	4	11.339	469745	20.0