LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	555	558	576	rBV	1460937	1435361	7.70%	0.516%
2	6.393	728	732	740	rBV	1661045	1621492	8.70%	0.583%
3	6.522	750	754	762	rVB	2096555	1707070	9.16%	0.614%
4	6.752	789	793	795	rBV	1142390	1027100	5.51%	0.369%
5	6.905	816	819	823	rBV	1786236	1424747	7.65%	0.512%
6	7.311	884	888	890	rVB	1026431	898010	4.82%	0.323%
7	7.675	948	950	955	rVB3	642566	629088	3.38%	0.226%
8	8.034	1006	1011	1013	rVV	1825819	1999015	10.73%	0.719%
9	8.334	1057	1062	1064	rVB4	591128	774099	4.15%	0.278%
10	8.469	1082	1085	1087	rBV	938646	802219	4.31%	0.289%
11	8.852	1147	1150	1156	rVB2	733592	773388	4.15%	0.278%
12	9.069	1184	1187	1190	rVB	1335193	1074945	5.77%	0.387%
13	9.116	1191	1195	1198	rVB	2744340	2169273	11.64%	0.780%
14	9.205	1206	1210	1214	rBV5	487003	852883	4.58%	0.307%
15	9.387	1236	1241	1245	rVV	555891	901907	4.84%	0.324%
16	9.457	1250	1253	1255	rVV	1058453	996873	5.35%	0.359%
17	9.481	1255	1257	1260	rVV	777765	706632	3.79%	0.254%
18	9.510	1260	1262	1263	rVV	1034225	811748	4.36%	0.292%
19	9.528	1263	1265	1268	rVV	1331384	1121567	6.02%	0.403%
20	9.657	1285	1287	1294	rVB	1140784	945150	5.07%	0.340%
21	9.799	1309	1311	1314	rVV	1876675	1476030	7.92%	0.531%
22	9.834	1314	1317	1320	rVV	2588677	2080289	11.16%	0.748%
23	10.004	1343	1346	1349	rVB	2017293	1582136	8.49%	0.569%
24	10.352	1401	1405	1411	rVV	3508476	3244385	17.41%	1.167%
25	10.510	1429	1432	1437	rVV	1143171	1008642	5.41%	0.363%
26	10.593	1441	1446	1450	rVV	2463692	2506401	13.45%	0.902%
27	10.722	1464	1468	1475	rVB2	623534	768910	4.13%	0.277%
28	10.904	1493	1499	1502	rVV3	955052	1182596	6.35%	0.425%
29	11.104	1530	1533	1537	rVV	839715	771588	4.14%	0.278%
30	11.146	1537	1540	1543	rVV	581788	689694	3.70%	0.248%
31	11.193	1546	1548	1555	rVB	1653660	1566352	8.41%	0.563%
32	11.340	1567	1573	1576	rVB	9343366	15004392	80.53%	5.397%
33	11.387	1576	1581	1583	rVB	6542335	5913897	31.74%	2.127%
34	11.534	1600	1606	1608	rBV	1410957	1303478	7.00%	0.469%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.599	1614	1617	1620	rBV2	755724	632912	3.40%	0.228%
36	11.634	1620	1623	1629	rVB3	547560	669600	3.59%	0.241%
37	11.704	1632	1635	1640	rVB2	3434829	3203122	17.19%	1.152%
38	11.810	1649	1653	1655	rBV	2818284	2517440	13.51%	0.905%
39	11.840	1655	1658	1661	rVB	4035741	3357104	18.02%	1.207%
40	11.887	1662	1666	1669	rBV	1835502	1658435	8.90%	0.597%
41	11.928	1669	1673	1675	rBV	4924737	5311438	28.51%	1.910%
42	12.104	1700	1703	1706	rVV	2249525	2074612	11.13%	0.746%
43	12.140	1706	1709	1712	rVB	1084177	1020836	5.48%	0.367%
44	12.257	1724	1729	1732	rBV2	652677	704774	3.78%	0.253%
45	12.369	1743	1748	1750	rBV	1299020	1515821	8.14%	0.545%
46	12.410	1750	1755	1757	rBV2	5948402	7039298	37.78%	2.532%
47	12.434	1757	1759	1763	rVB	6057675	6168237	33.10%	2.219%
48	12.557	1773	1780	1782	rVB	9296548	18141686	97.36%	6.525%
49	12.687	1797	1802	1805	rBV	1523737	1544105	8.29%	0.555%
50	12.787	1811	1819	1822	rVB3	8888490	18633045	100.00%	6.702%
51	12.816	1822	1824	1830	rVB2	1245212	1356381	7.28%	0.488%
52	12.893	1833	1837	1838	rBV	1659115	1847813	9.92%	0.665%
53	12.910	1838	1840	1842	rVV	2239073	1723011	9.25%	0.620%
54	12.928	1842	1843	1847	rVB	1314068	864307	4.64%	0.311%
55	12.993	1848	1854	1857	rBV2	1807331	3108876	16.68%	1.118%
56	13.075	1865	1868	1870	rBV	1597963	1745617	9.37%	0.628%
57	13.104	1870	1873	1876	rVB	4596587	4321926	23.19%	1.555%
58	13.169	1876	1884	1887	rBV	4025703	4639326	24.90%	1.669%
59	13.210	1887	1891	1893	rBV2	2183347	2475833	13.29%	0.891%
60	13.298	1903	1906	1909	rBV	1219526	984623	5.28%	0.354%
61	13.328	1909	1911	1915	rBV2	1313184	1257366	6.75%	0.452%
62	13.504	1934	1941	1943	rBV4	705214	1461533	7.84%	0.526%
63	13.528	1943	1945	1947	rVV	834821	703074	3.77%	0.253%
64	13.593	1952	1956	1958	rBV	677045	906260	4.86%	0.326%
65	13.616	1958	1960	1965	rVV	1436740	1679769	9.01%	0.604%
66	13.728	1975	1979	1981	rBV	2399255	2497356	13.40%	0.898%
67	13.757	1981	1984	1986	rVV	2362828	2381940	12.78%	0.857%
68	13.781	1986	1988	1994	rVV3	2032356	3172175	17.02%	1.141%
69	13.834	1994	1997	2000	rVB	1627160	1581098	8.49%	0.569%
70	13.898	2005	2008	2011	rVV	610874	684940	3.68%	0.246%
71	13.987	2015	2023	2026	rBV2	7483502	15048647	80.76%	5.413%

LSC Area Percent Report

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Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.028	2026	2030	2036	rVV	7001997	10101672	54.21%	3.633%
73	14.098	2039	2042	2046	rVV	2978744	3006447	16.14%	1.081%
74	14.134	2046	2048	2050	rVV	1099915	1142900	6.13%	0.411%
75	14.181	2053	2056	2058	rVV	1431321	1351133	7.25%	0.486%
76	14.210	2058	2061	2065	rVV2	1560070	2106349	11.30%	0.758%
77	14.340	2080	2083	2085	rVV2	1134038	1264510	6.79%	0.455%
78	14.381	2085	2090	2092	rVV	2776008	3311407	17.77%	1.191%
79	14.410	2092	2095	2099	rVV2	1349528	1744496	9.36%	0.627%
80	14.475	2100	2106	2109	rVV2	1494008	2839962	15.24%	1.021%
81	14.504	2109	2111	2113	rVV	1661293	1777302	9.54%	0.639%
82	14.528	2113	2115	2118	rVV	2039273	1855895	9.96%	0.668%
83	14.575	2118	2123	2126	rVV2	1020786	1633129	8.76%	0.587%
84	14.698	2141	2144	2146	rBV	705852	783905	4.21%	0.282%
85	14.775	2154	2157	2168	rVB8	443407	1043274	5.60%	0.375%
86	14.881	2172	2175	2182	rBV2	1017118	1383792	7.43%	0.498%
87	15.063	2198	2206	2209	rBV	5782210	13730548	73.69%	4.939%
88	15.122	2213	2216	2219	rVV2	503760	643925	3.46%	0.232%
89	15.157	2219	2222	2226	rVB	2139098	2301541	12.35%	0.828%
90	15.363	2251	2257	2262	rVB	3879544	6186334	33.20%	2.225%
91	15.434	2262	2269	2273	rVV	5159820	8850777	47.50%	3.183%
92	15.481	2274	2277	2279	rVV	1098158	1253106	6.73%	0.451%
93	15.516	2279	2283	2289	rVB2	2411865	3581045	19.22%	1.288%
94	16.045	2369	2373	2377	rVB2	587214	779066	4.18%	0.280%
95	16.986	2524	2533	2538	rVB	2831614	6472178	34.73%	2.328%
96	17.039	2539	2542	2551	rVB	339627	631629	3.39%	0.227%
97	17.139	2554	2559	2564	rBV	635631	1181265	6.34%	0.425%
98	17.198	2565	2569	2574	rVV2	507238	869445	4.67%	0.313%
99	17.433	2600	2609	2619	rVB	1877091	4699602	25.22%	1.690%
100	17.663	2643	2648	2653	rVB	601167	1092231	5.86%	0.393%

Sum of corrected areas: 278024558

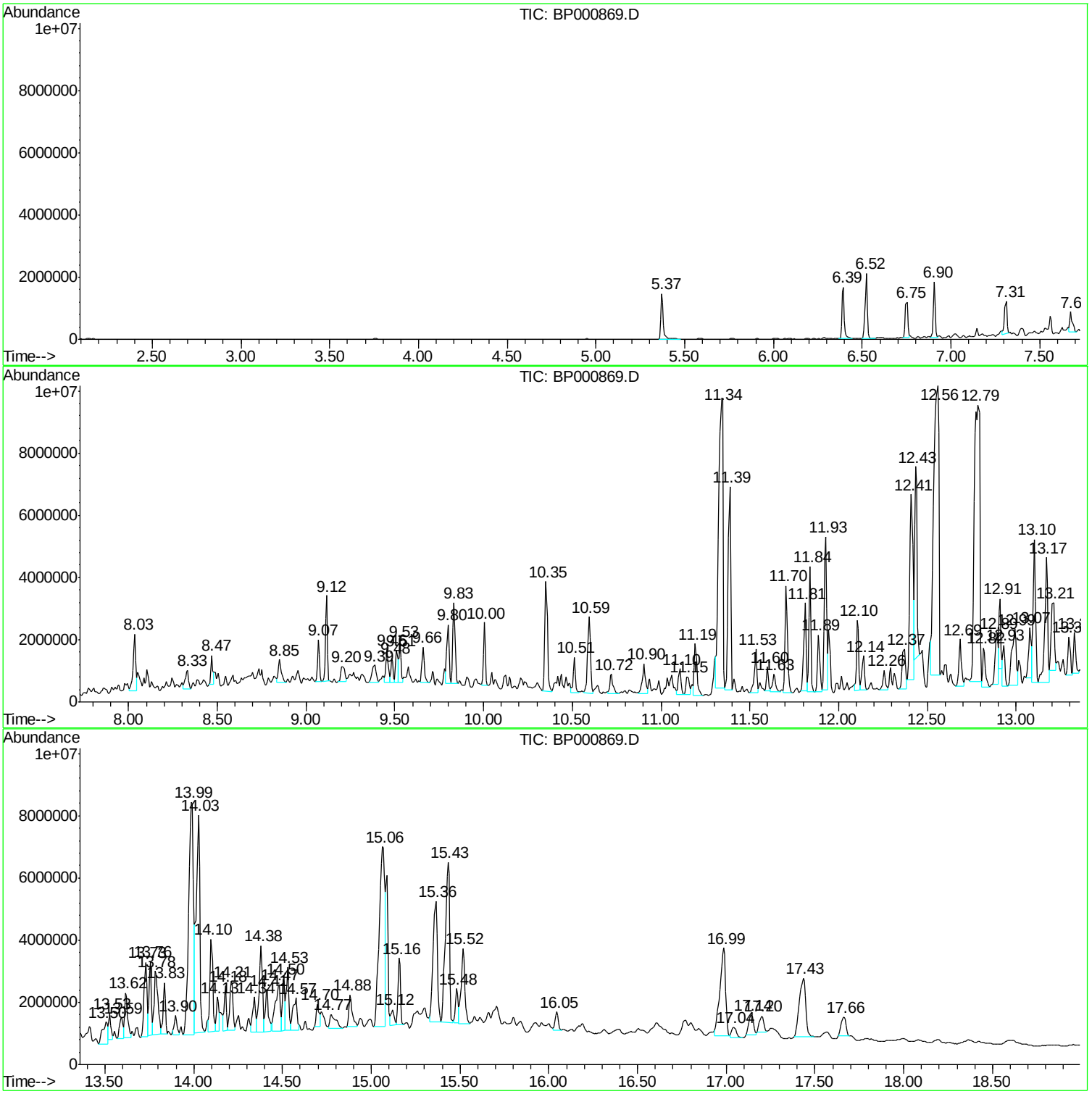
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

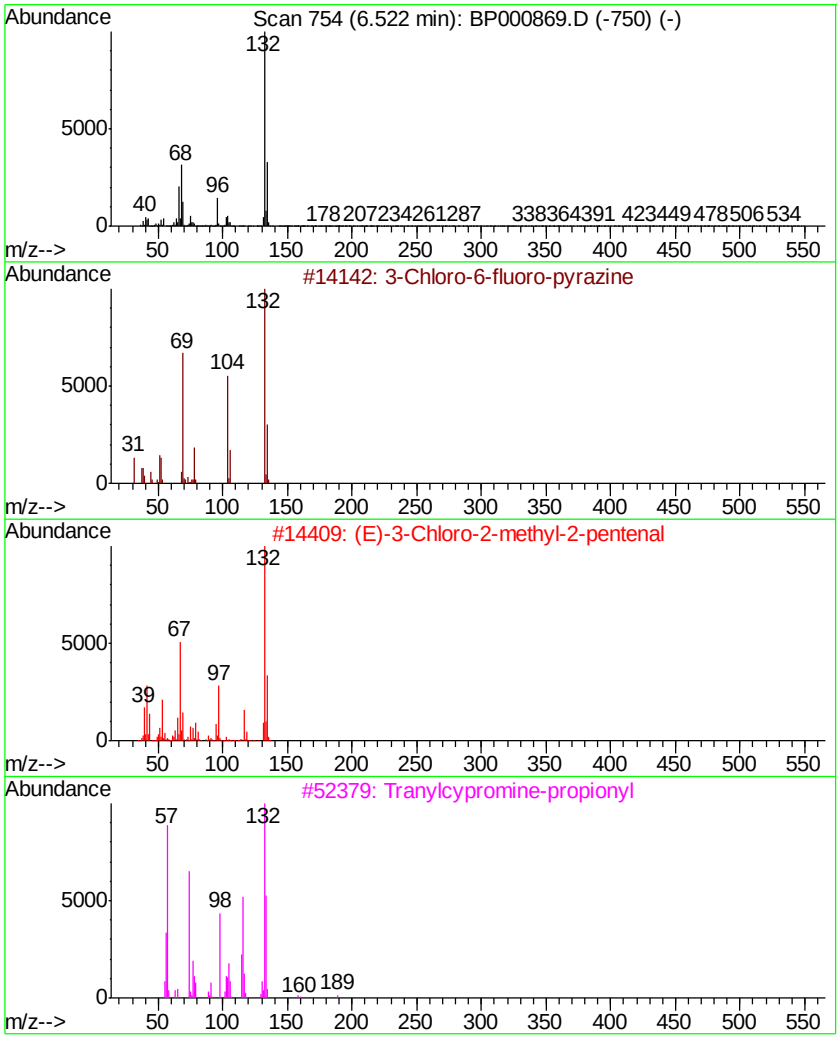
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

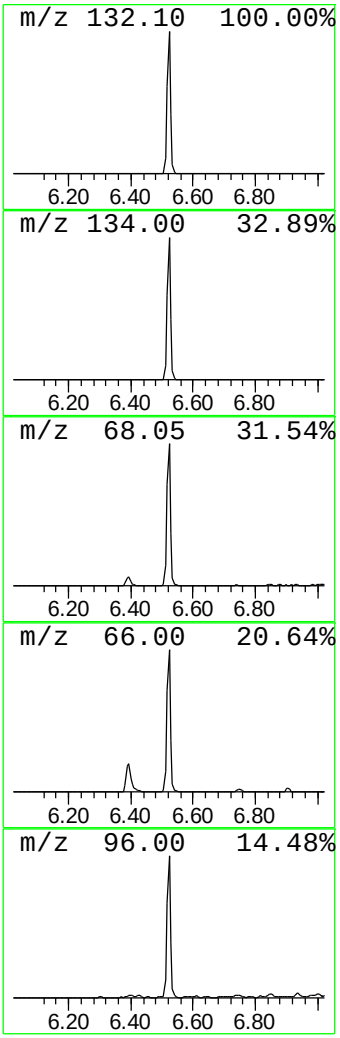
****

Peak Number 1 unknown6.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	33.24 ng	1707070	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





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Instrument : BNA_P
ClientSampleId : SU-01-101519

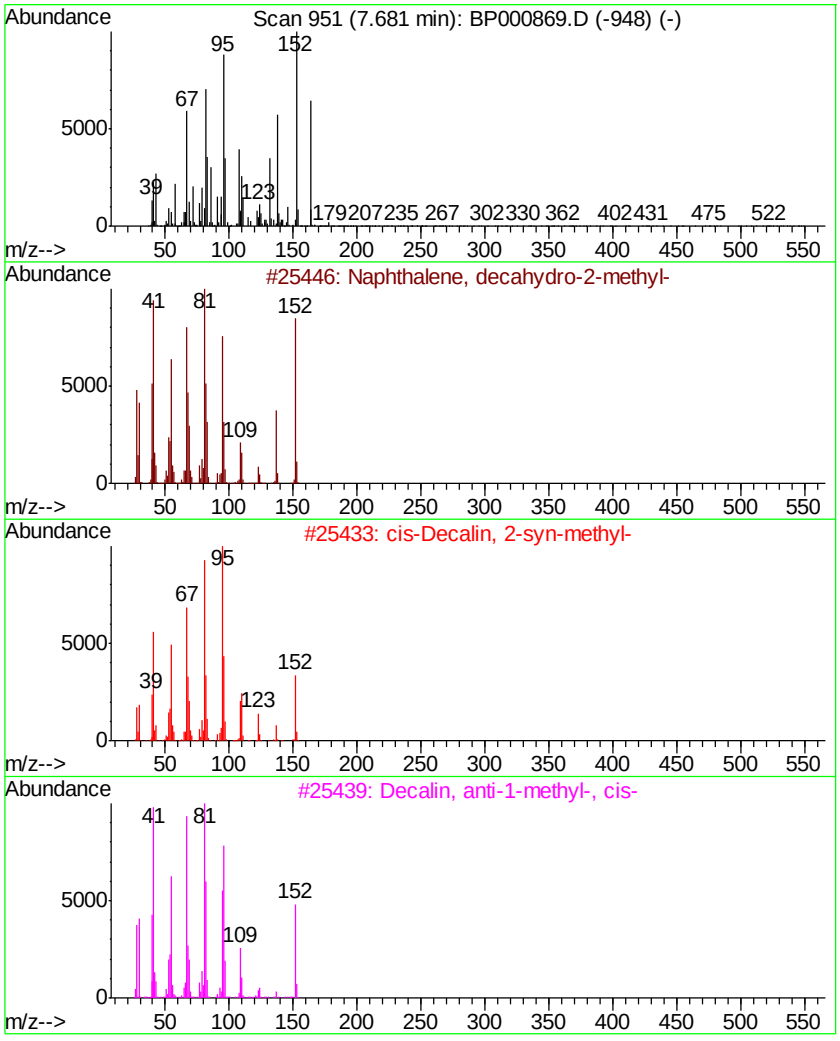
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

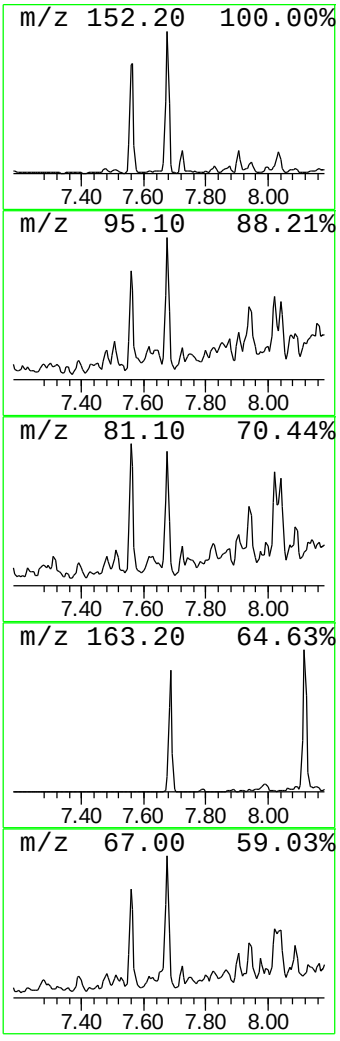
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	6.29 ng	629088	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
3	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	52
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

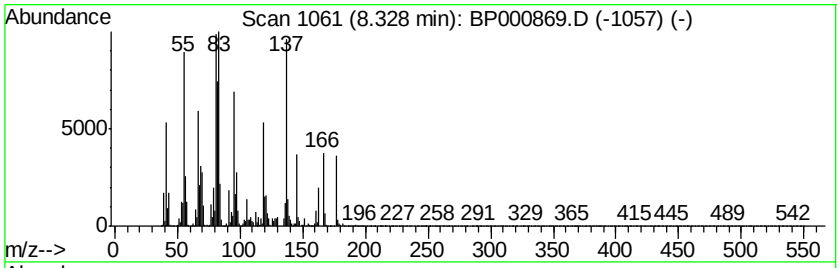
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

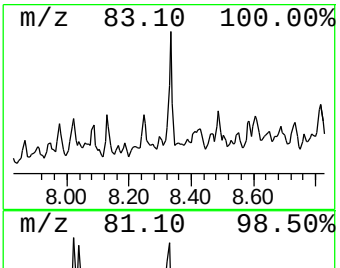
****

Peak Number 4 unknown8.33 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	7.74 ng	774099	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, decyl-	224	C16H32	001795-16-0	49
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

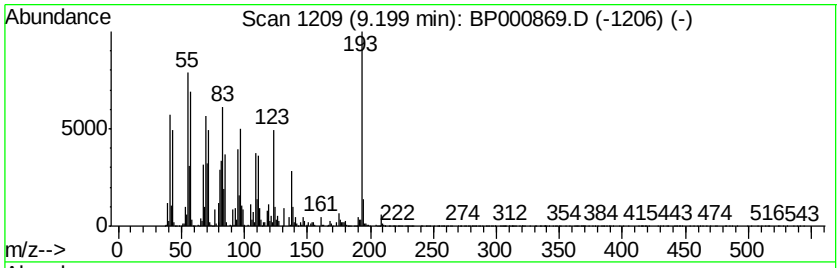
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

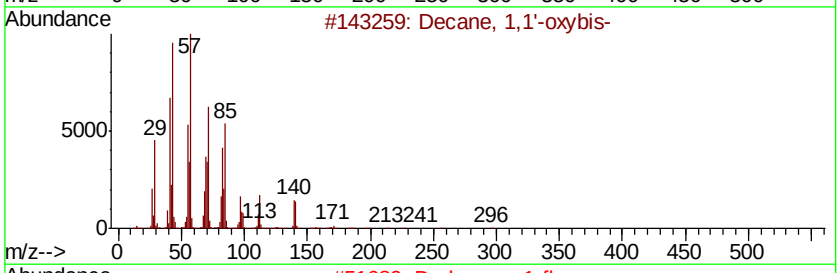
****

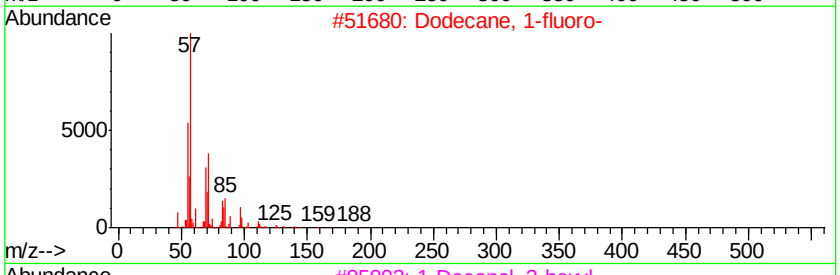
Peak Number 5 Decane, 1,1'-oxybis- Concentration Rank 14

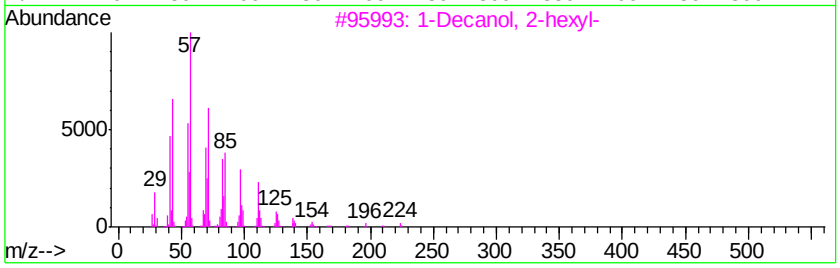
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	11.56 ng	852883	Acenaphthene-d10	9.80

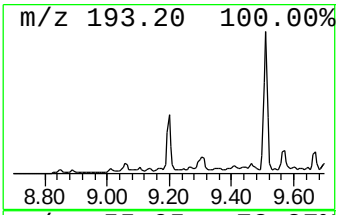
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58
2	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	58
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53
4	Cyclopentadecane	210	C15H30	000295-48-7	52
5	Tetradecane	198	C14H30	000629-59-4	49

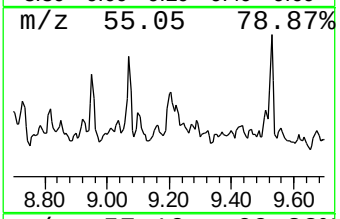


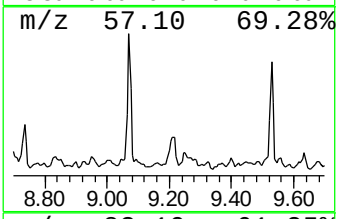


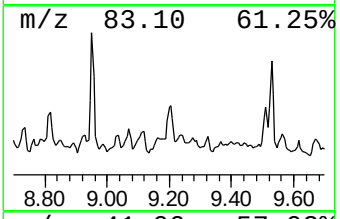


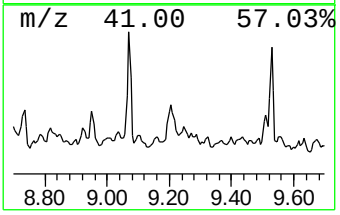












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

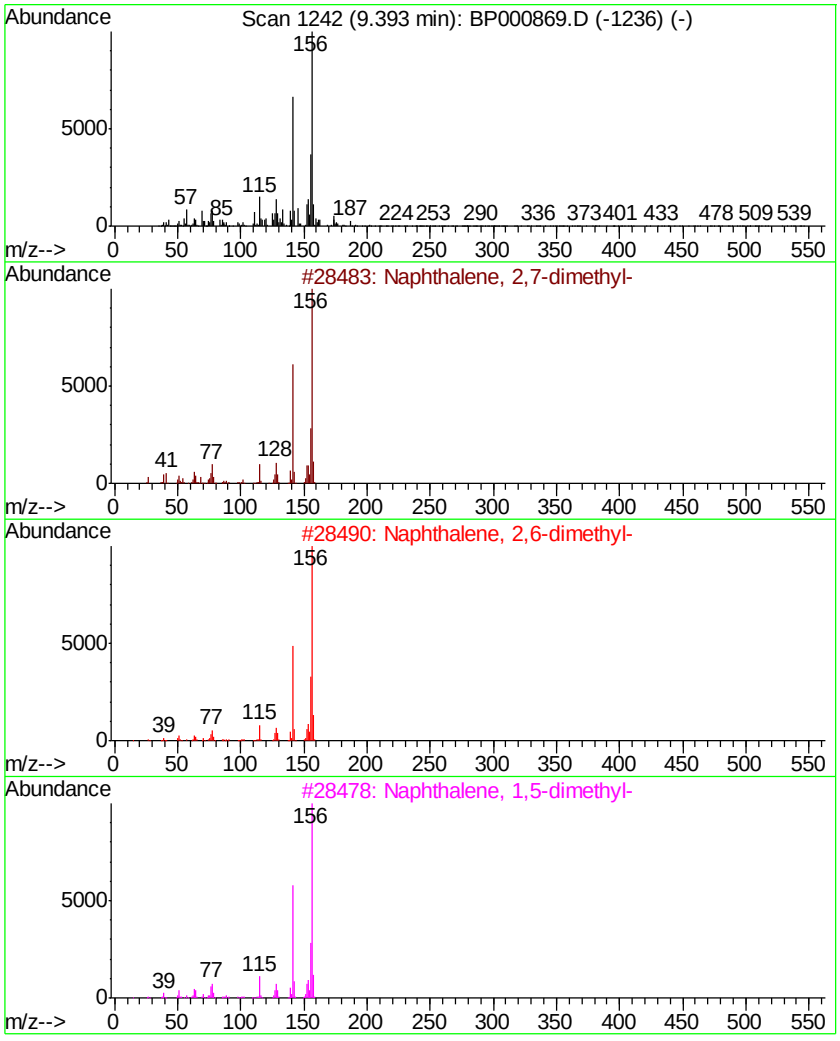
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

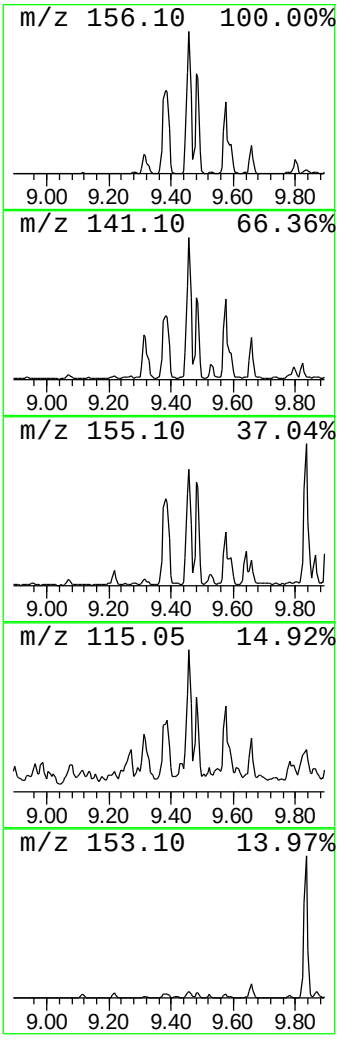
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	12.22 ng	901907	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Misc :
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Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

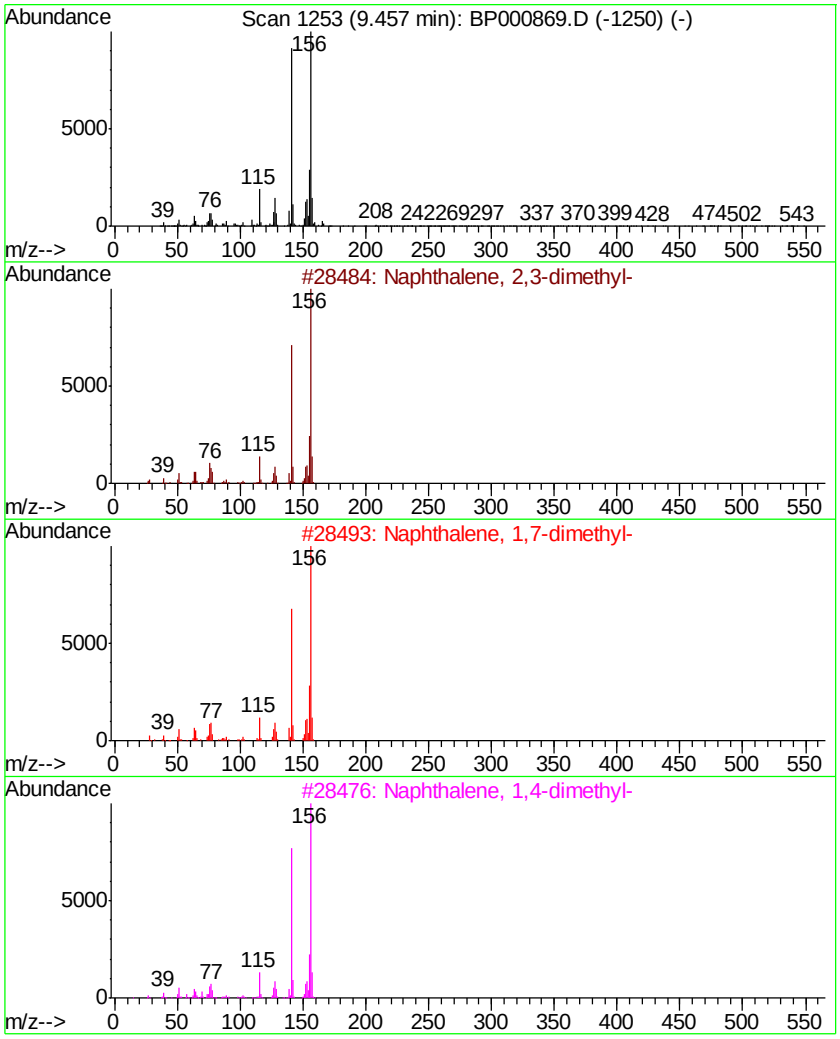
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

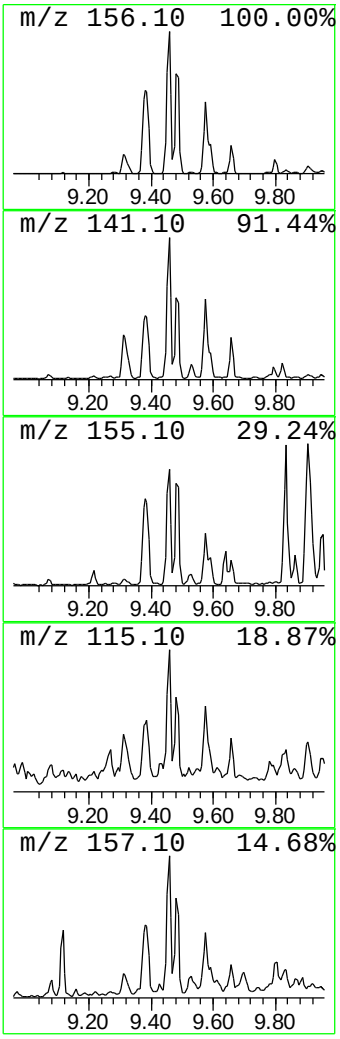
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	13.51 ng	996873	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Acq On : 18 Oct 2019 05:30
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Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

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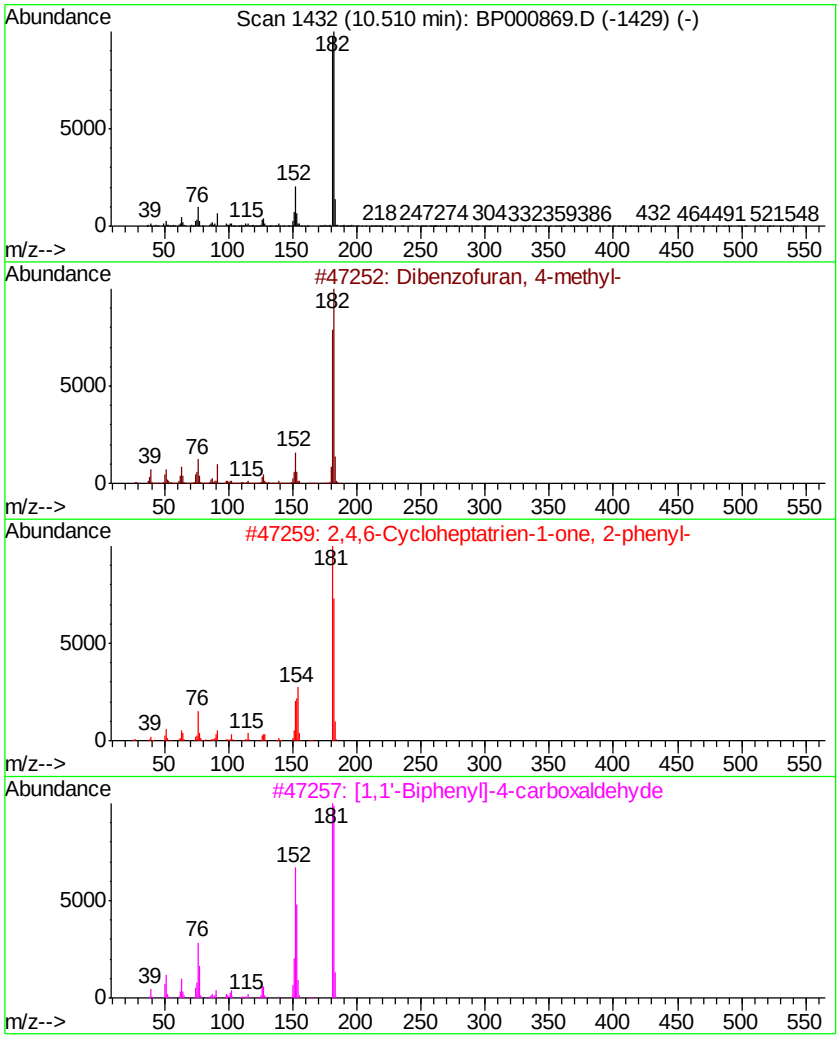
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

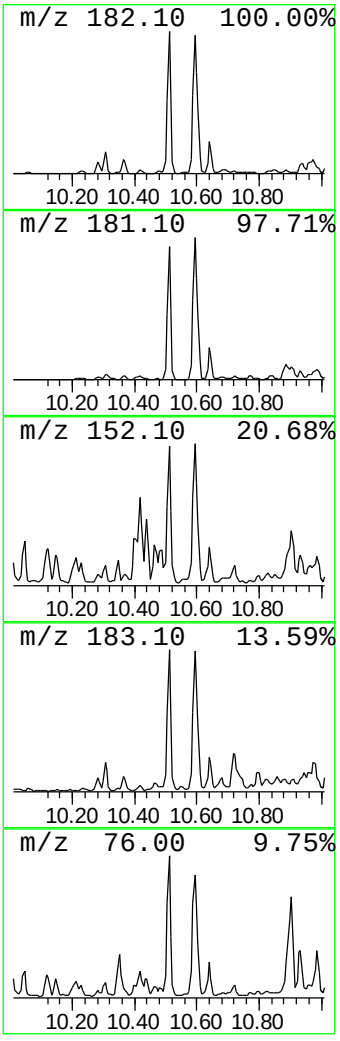
****

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	13.67 ng	1008640	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

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TIC Integration Parameters: LSCINT.P

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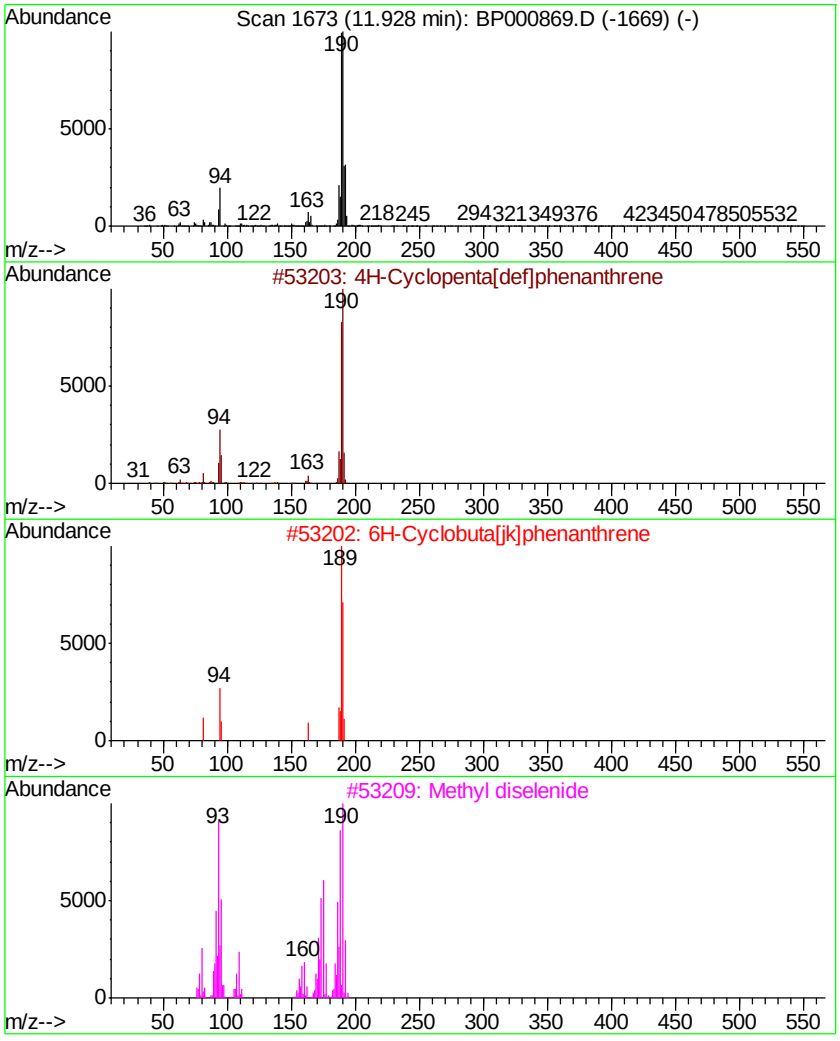
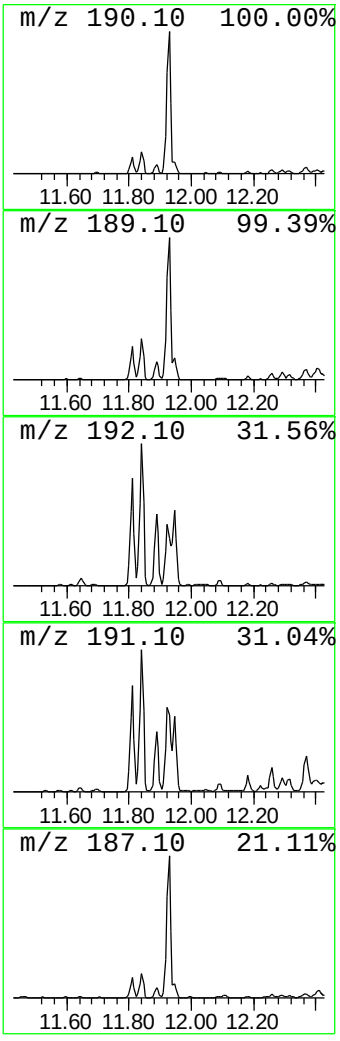
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.08 ng	5311440	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

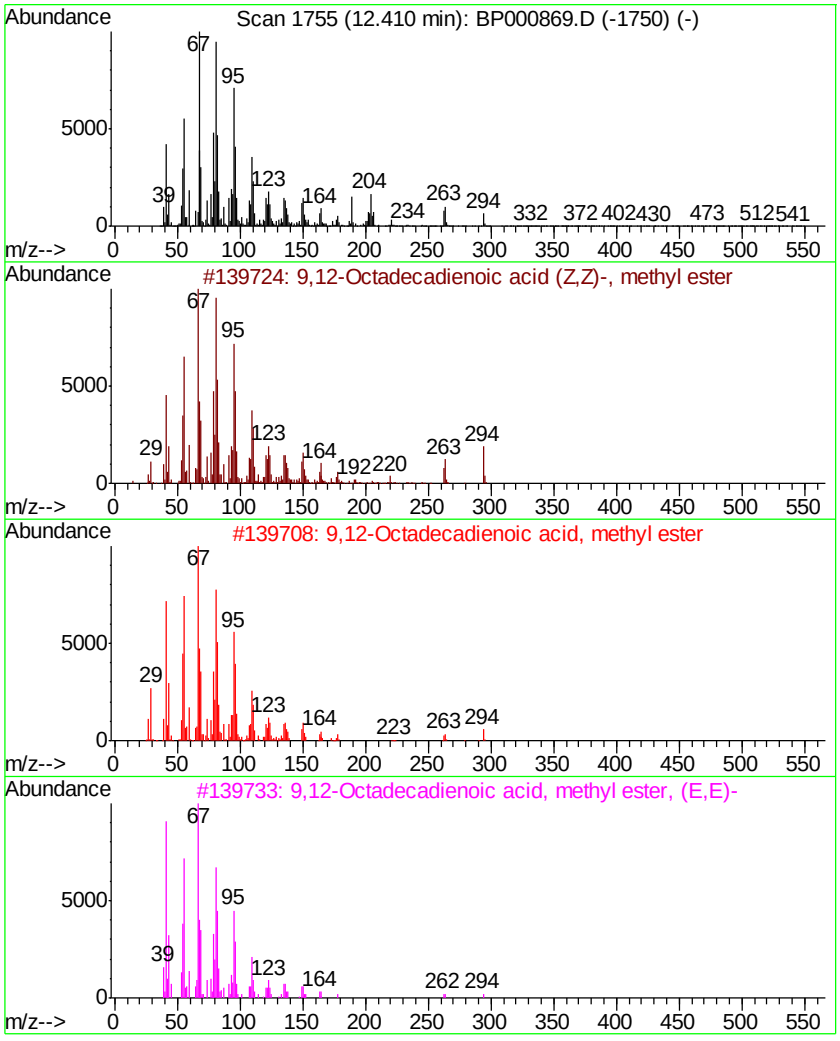
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

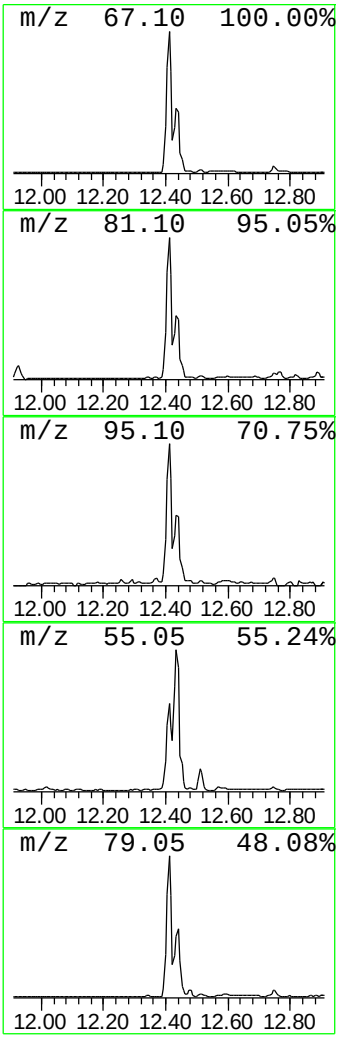
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid (... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	9.38 ng	7039300	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	97
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97





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ClientSampleId : SU-01-101519

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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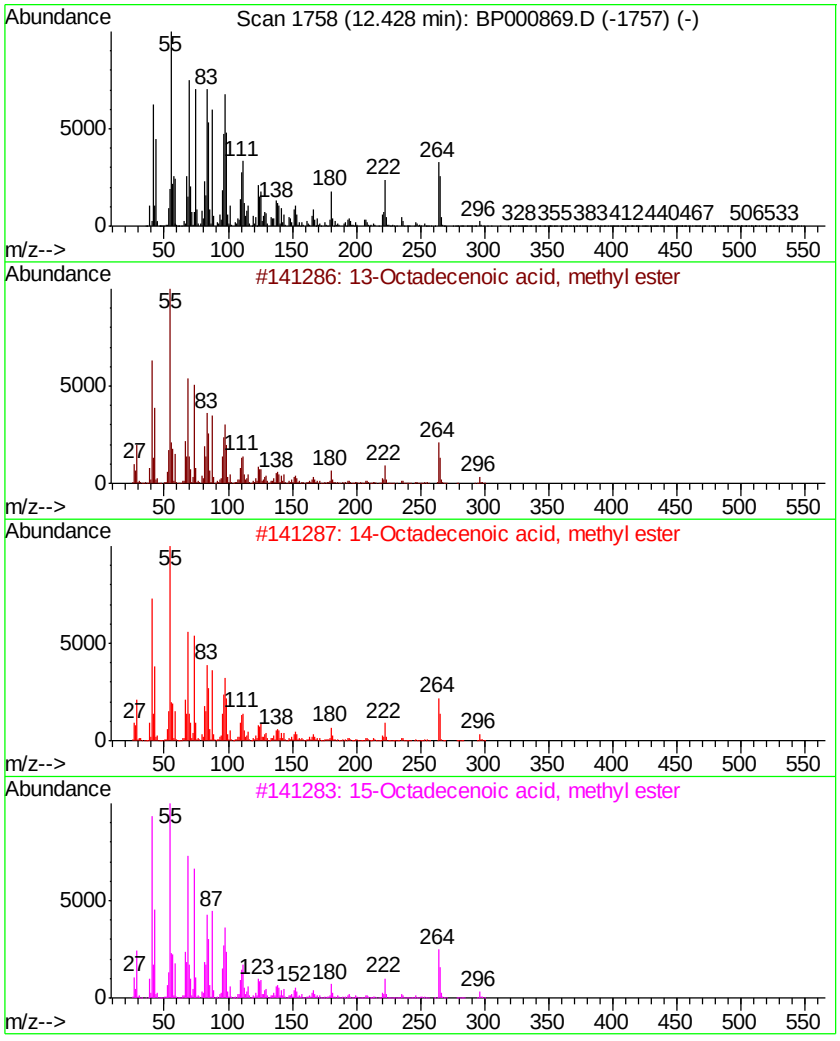
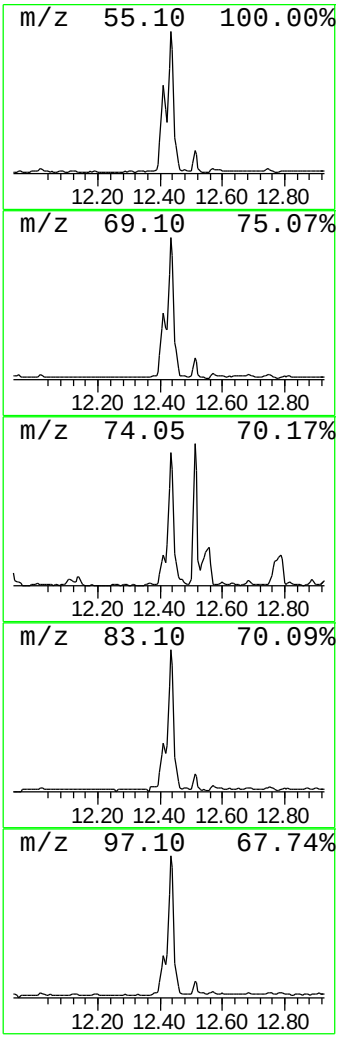
Peak Number 11 13-Octadecenoic acid, methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.22 ng	6168240	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98





Library Search Compound Report

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Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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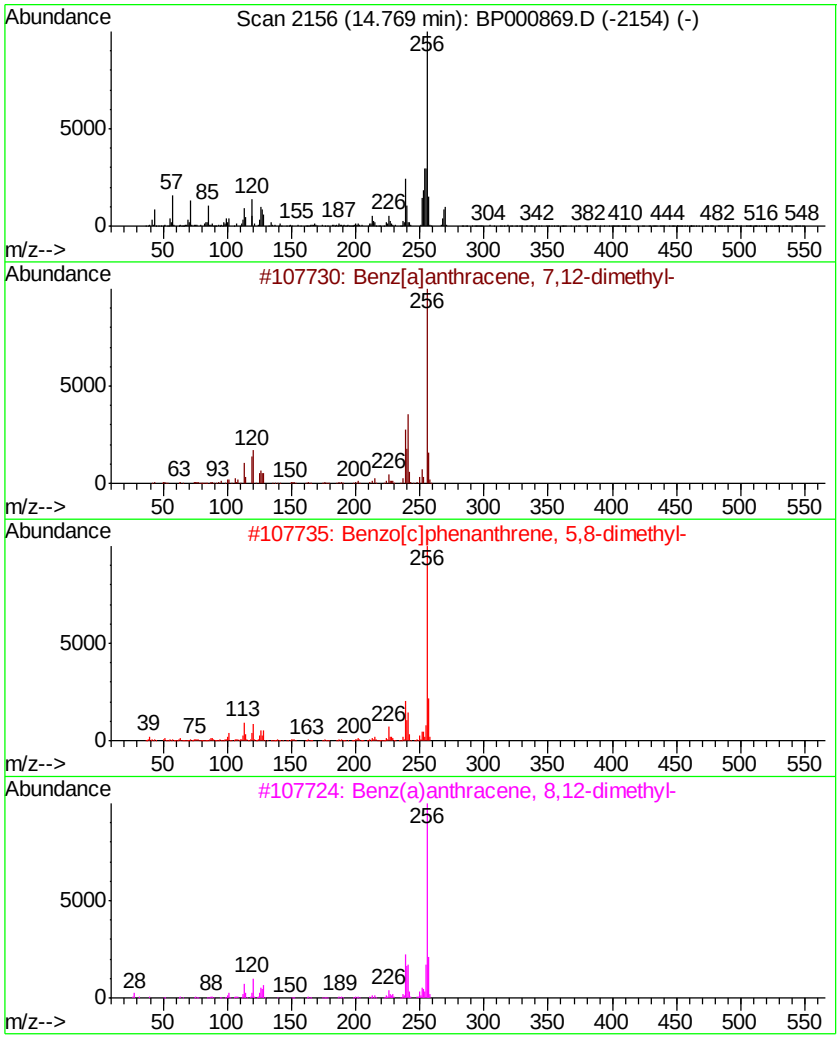
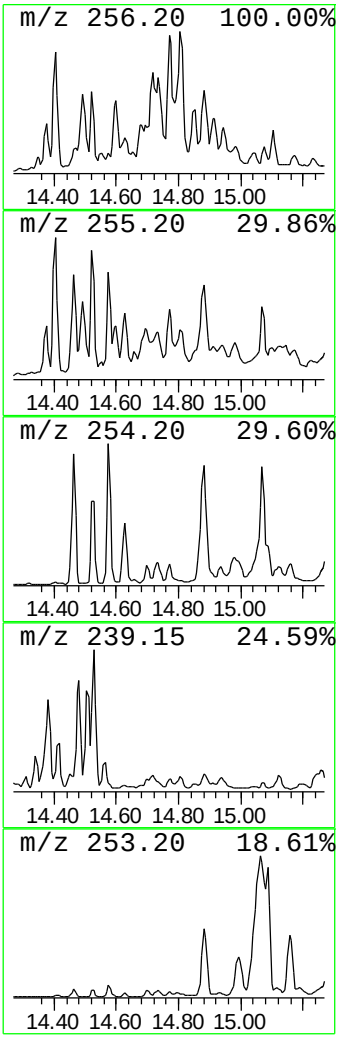
Peak Number 12 Benz[a]anthracene, 7,12-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	16.65 ng	1043270	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	64
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	55
3	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	53
4	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	52
5	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	50





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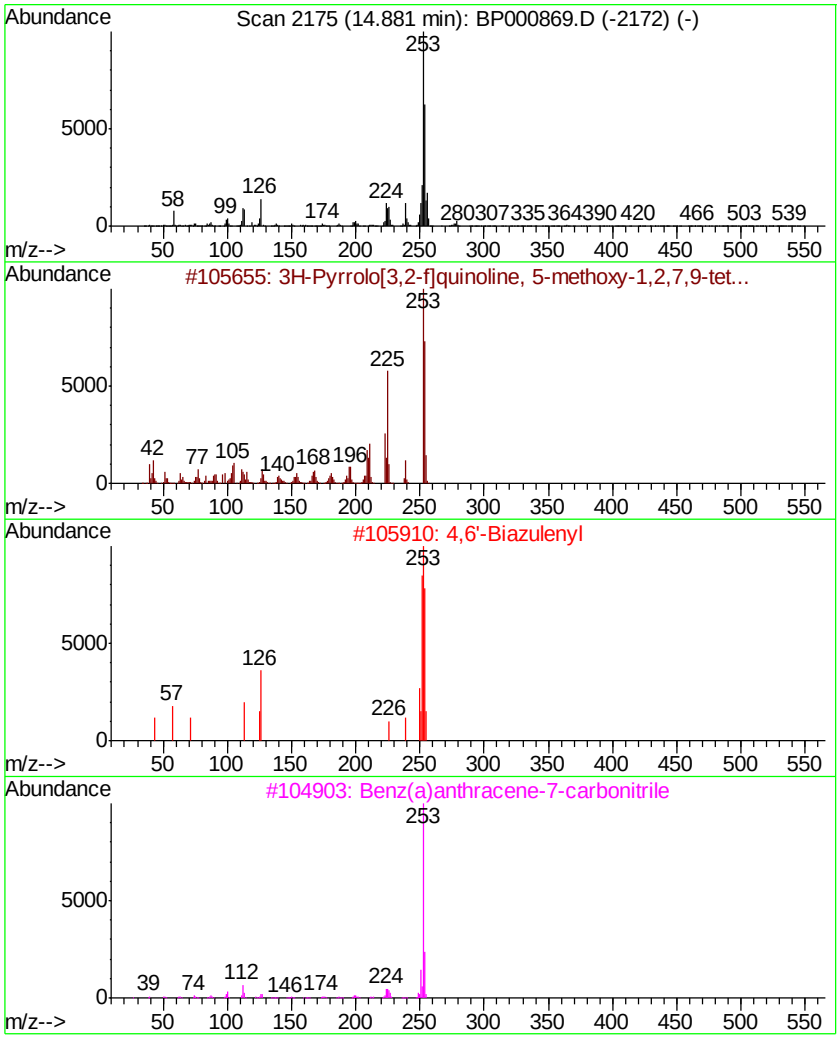
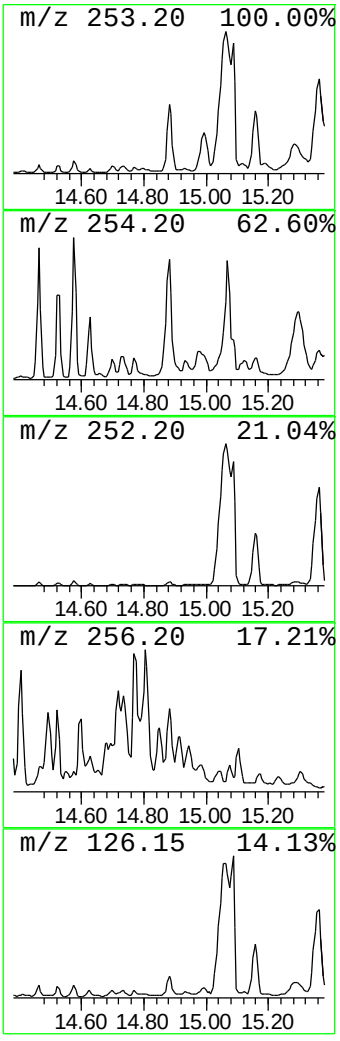
Peak Number 13 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	22.09 ng	1383790	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	68
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	68
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	55
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	49





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ClientSampleId : SU-01-101519

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TIC Library : C:\DATABASE\NIST11.L
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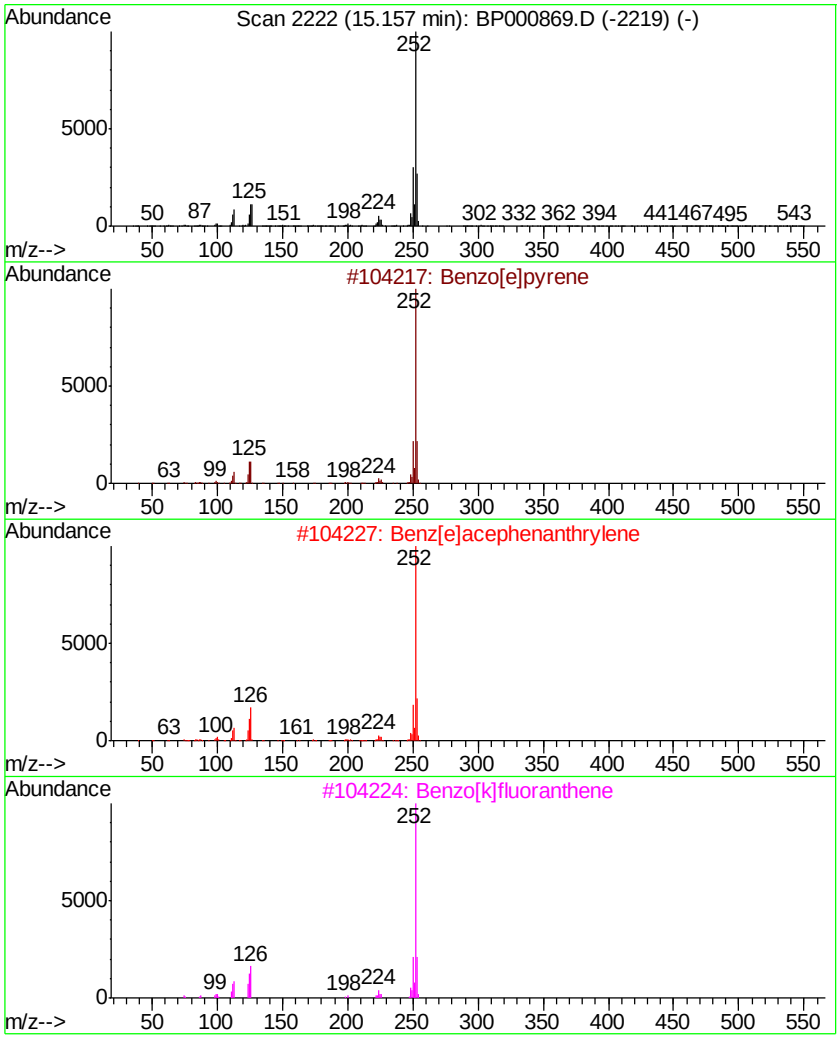
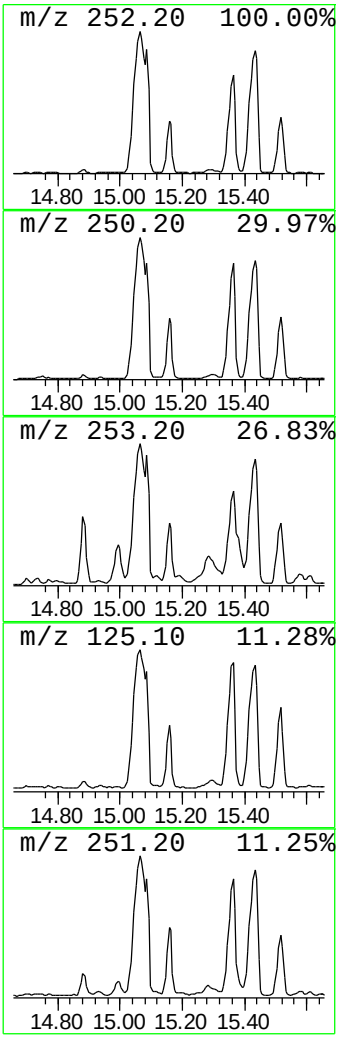
Peak Number 14 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	36.73 ng	2301540	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	90





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ClientSampleId : SU-01-101519

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TIC Integration Parameters: LSCINT.P

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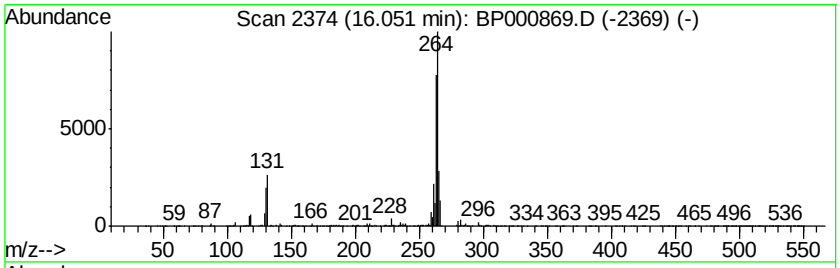
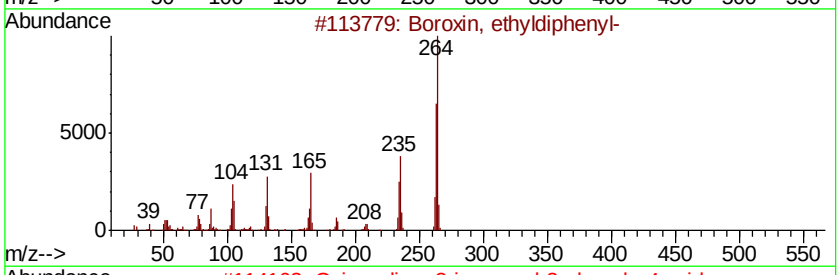
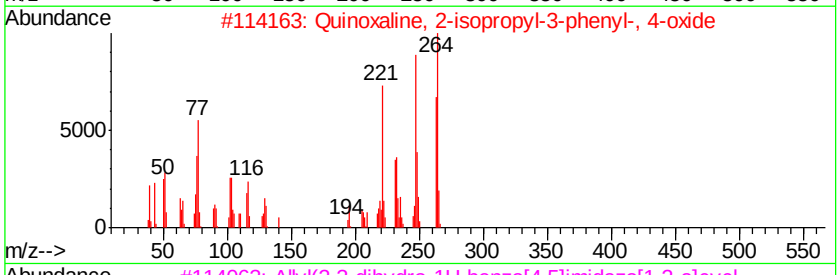
Peak Number 16 Boroxin, ethyldiphenyl- Concentration Rank 12

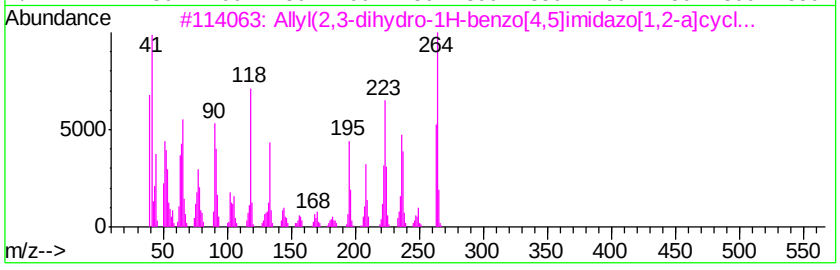
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	12.43 ng	779066	Perylene-d12	15.48

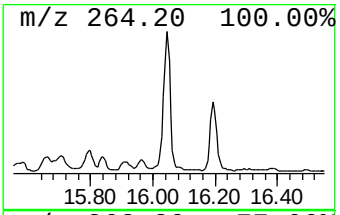
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2	Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	50
3	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
5	2,3,4,5,6-Pentachlorobenzyl 3-et...	518	C18H15Cl5O5S	1000332-55-0	35

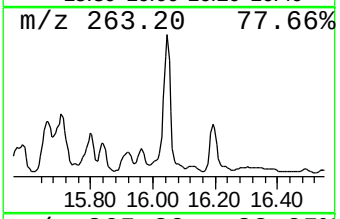


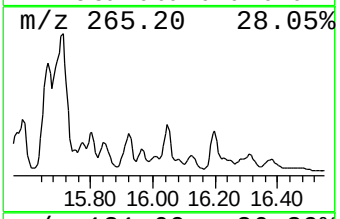


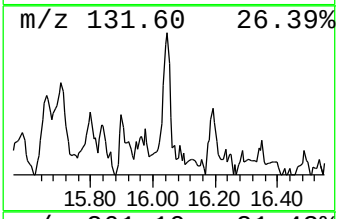


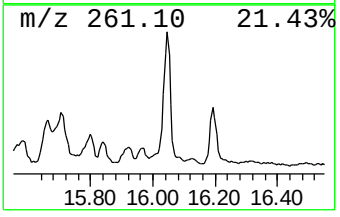












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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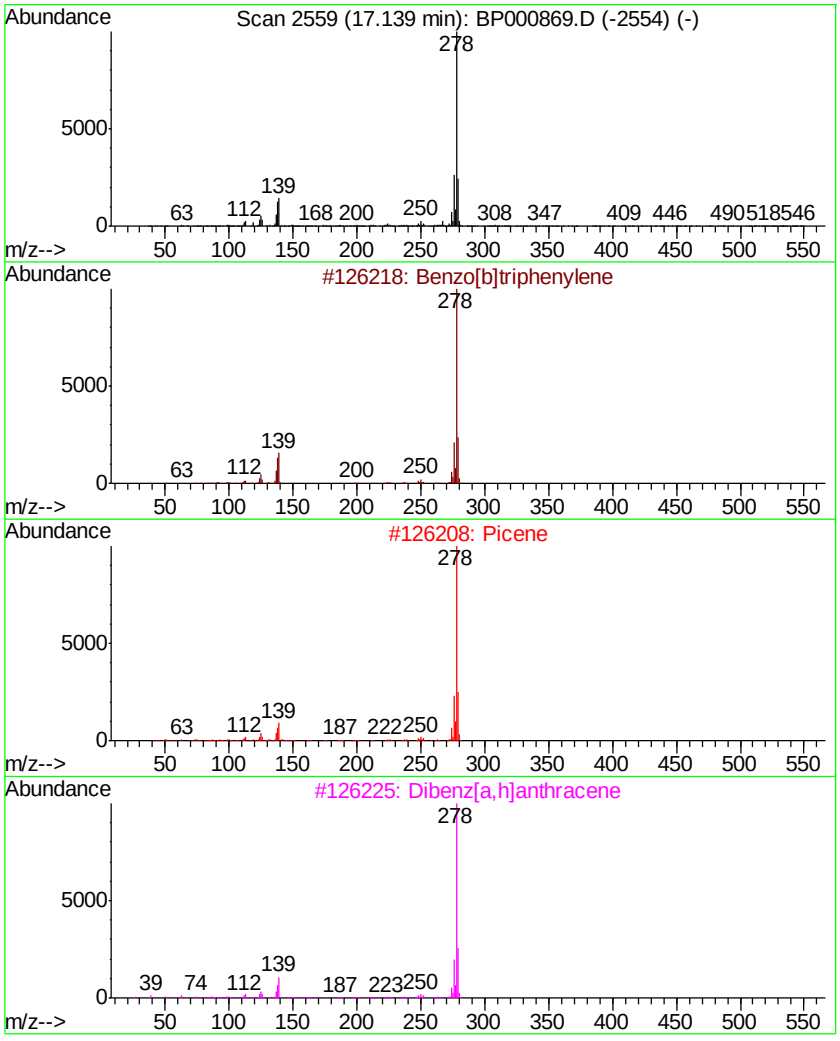
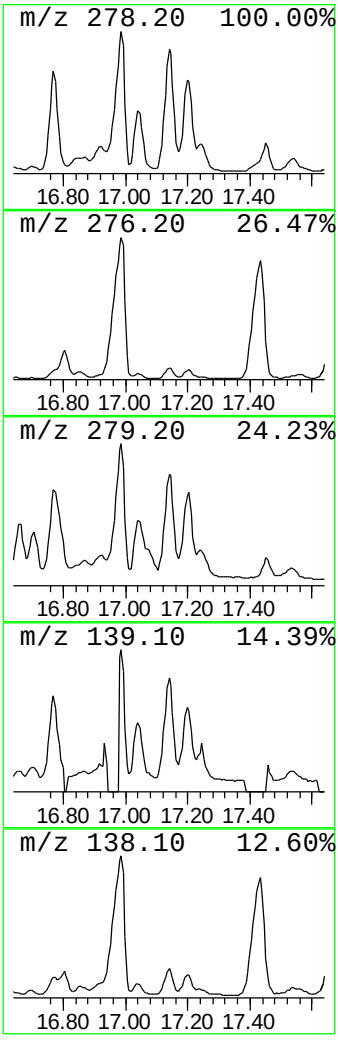
Peak Number 18 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	18.85 ng	1181270	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	99
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Benzo[b]chrysene	278	C22H14	000214-17-5	98
5	Pentaphene	278	C22H14	000222-93-5	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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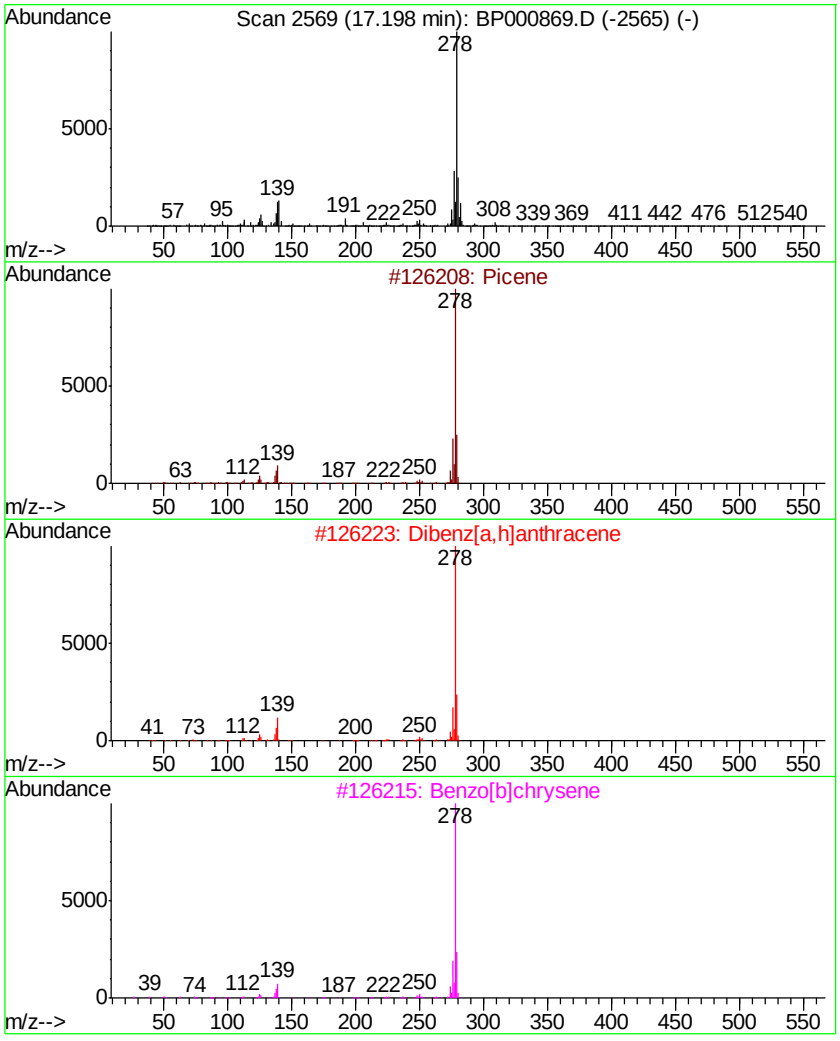
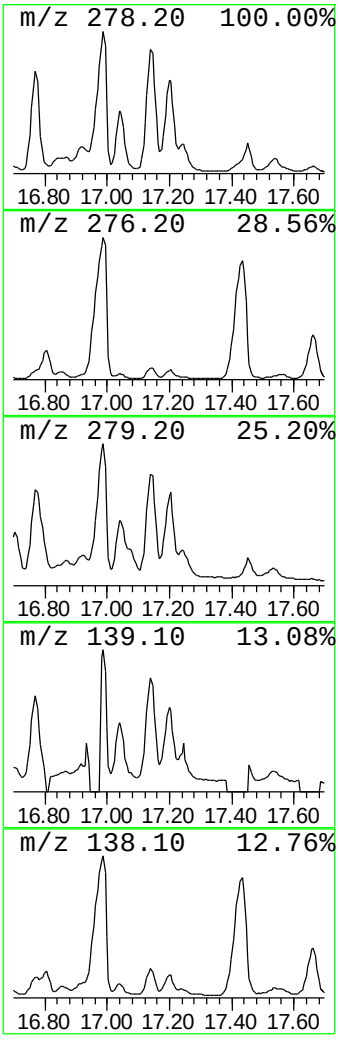
Peak Number 19 Picene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	13.88 ng	869445	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
5	Pentaphene	278	C22H14	000222-93-5	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101819\
Data File : BP000869.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-01-101519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.52	6.52	33.2	ng	1707070	1	6.75	1027100	20.0
Naphthalene, deca...	7.68	6.3	ng	629088	2	8.03	1999020	20.0
unknown8.33	8.33	7.7	ng	774099	2	8.03	1999020	20.0
Decane, 1,1'-oxybis-	9.20	11.6	ng	852883	3	9.80	1476030	20.0
Naphthalene, 2,7-...	9.39	12.2	ng	901907	3	9.80	1476030	20.0
Naphthalene, 2,3-...	9.46	13.5	ng	996873	3	9.80	1476030	20.0
Dibenzofuran, 4-m...	10.51	13.7	ng	1008640	3	9.80	1476030	20.0
4H-Cyclopenta[def...	11.93	7.1	ng	5311440	4	11.30	15004400	20.0
9,12-Octadecadien...	12.41	9.4	ng	7039300	4	11.30	15004400	20.0
13-Octadecenoic a...	12.43	8.2	ng	6168240	4	11.30	15004400	20.0
Benz[a]anthracene...	14.77	16.6	ng	1043270	6	15.48	1253110	20.0
3H-Pyrrolo[3,2-f]...	14.88	22.1	ng	1383790	6	15.48	1253110	20.0
Benzo[e]pyrene	15.16	36.7	ng	2301540	6	15.48	1253110	20.0
Boroxin, ethyldip...	16.05	12.4	ng	779066	6	15.48	1253110	20.0
Benzo[b]triphenylene	17.14	18.9	ng	1181270	6	15.48	1253110	20.0
Picene	17.20	13.9	ng	869445	6	15.48	1253110	20.0