LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

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-BF120619.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	2.475	60	66	73	rVB	49655	72910	2.03%	0.176%
2	4.581	420	424	429	rBV	61518	66613	1.86%	0.161%
3	5.069	502	507	515	rBV	344451	406630	11.33%	0.982%
4	5.481	573	577	580	rBV	2449999	2142941	59.70%	5.176%
5	6.498	745	750	753	rBV	2721871	2637374	73.48%	6.371%
6	6.634	769	773	777	rBV	2858099	2728809	76.03%	6.592%
7	6.698	780	784	787	rVB2	116510	91131	2.54%	0.220%
8	6.863	809	812	816	rBV	797483	695406	19.37%	1.680%
9	6.922	819	822	826	rBV	44315	45012	1.25%	0.109%
10	7.022	835	839	842	rBV	2397773	1986590	55.35%	4.799%
11	7.116	853	855	861	rVB2	48040	50521	1.41%	0.122%
12	7.239	873	876	879	rBV	66919	52257	1.46%	0.126%
13	7.428	904	908	911	rBV	1631933	1622444	45.20%	3.919%
14	8.151	1028	1031	1033	rBV	1079445	907685	25.29%	2.193%
15	8.175	1033	1035	1040	rVB	959956	707088	19.70%	1.708%
16	8.510	1085	1092	1097	rBV	61842	67966	1.89%	0.164%
17	8.722	1124	1128	1130	rBV	46635	43087	1.20%	0.104%
18	8.816	1135	1144	1149	rBV3	40649	58813	1.64%	0.142%
19	8.869	1149	1153	1156	rBV	881392	683334	19.04%	1.651%
20	8.969	1166	1170	1177	rVB	421796	358951	10.00%	0.867%
21	9.233	1210	1215	1218	rBV	4330632	3589339	100.00%	8.670%
22	9.310	1225	1228	1229	rBV	57711	47216	1.32%	0.114%
23	9.333	1229	1232	1237	rVB	278319	265043	7.38%	0.640%
24	9.427	1245	1248	1253	rVB	94983	87683	2.44%	0.212%
25	9.498	1255	1260	1264	rBV	114615	152793	4.26%	0.369%
26	9.569	1269	1272	1275	rBV	148227	147373	4.11%	0.356%
27	9.598	1275	1277	1279	rVV	78239	60036	1.67%	0.145%
28	9.622	1279	1281	1284	rVV	313321	253445	7.06%	0.612%
29	9.686	1289	1292	1301	rVB2	66975	87653	2.44%	0.212%
30	9.839	1313	1318	1321	rVB3	88070	97315	2.71%	0.235%
31	9.892	1324	1327	1328	rBV	100869	84178	2.35%	0.203%
32	9.916	1328	1331	1333	rVV	1189619	1037986	28.92%	2.507%
33	9.945	1333	1336	1340	rVB	886065	683602	19.05%	1.651%
34	10.069	1352	1357	1359	rBV3	38664	44072	1.23%	0.106%

LSC Area Percent Report

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Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.116	1361	1365	1370	rVV	612783	555698	15.48%	1.342%
36	10.339	1401	1403	1406	rVB	97417	78576	2.19%	0.190%
37	10.463	1420	1424	1430	rBV	375592	325654	9.07%	0.787%
38	10.569	1440	1442	1445	rVB2	71624	54739	1.53%	0.132%
39	10.616	1448	1450	1454	rVB	75779	72769	2.03%	0.176%
40	10.704	1461	1465	1471	rVB	2512852	2257587	62.90%	5.453%
41	10.827	1481	1486	1488	rBV3	268377	379039	10.56%	0.916%
42	10.851	1488	1490	1493	rVB	312201	232223	6.47%	0.561%
43	10.880	1493	1495	1498	rBV	207097	197035	5.49%	0.476%
44	10.916	1498	1501	1504	rVV2	316750	341380	9.51%	0.825%
45	10.951	1504	1507	1509	rVV	311057	250162	6.97%	0.604%
46	10.974	1509	1511	1513	rVV	169271	127139	3.54%	0.307%
47	11.016	1513	1518	1520	rVV2	335233	393877	10.97%	0.951%
48	11.063	1523	1526	1530	rVV3	312809	342190	9.53%	0.827%
49	11.098	1530	1532	1534	rVV	238551	201246	5.61%	0.486%
50	11.139	1537	1539	1544	rVB2	182300	167915	4.68%	0.406%
51	11.210	1546	1551	1554	rBV	244586	251988	7.02%	0.609%
52	11.263	1557	1560	1564	rVV4	120369	139355	3.88%	0.337%
53	11.298	1564	1566	1570	rVB2	110767	101837	2.84%	0.246%
54	11.357	1574	1576	1579	rVB3	77533	56533	1.58%	0.137%
55	11.404	1581	1584	1586	rBV	1099353	936362	26.09%	2.262%
56	11.427	1586	1588	1592	rVV	1192554	976551	27.21%	2.359%
57	11.480	1594	1597	1600	rVB	286641	216264	6.03%	0.522%
58	11.563	1608	1611	1618	rVB7	42673	54586	1.52%	0.132%
59	11.633	1619	1623	1629	rVV	120084	164682	4.59%	0.398%
60	11.692	1630	1633	1635	rVV2	76337	77369	2.16%	0.187%
61	11.739	1639	1641	1646	rVB3	48519	50418	1.40%	0.122%
62	11.910	1667	1670	1671	rBV	93519	85842	2.39%	0.207%
63	11.933	1671	1674	1678	rVB2	763746	703843	19.61%	1.700%
64	12.021	1686	1689	1691	rBV2	97472	100709	2.81%	0.243%
65	12.104	1700	1703	1705	rBV2	65225	63379	1.77%	0.153%
66	12.204	1718	1720	1723	rBV	152242	132793	3.70%	0.321%
67	12.233	1723	1725	1728	rVB2	79469	70747	1.97%	0.171%
68	12.457	1761	1763	1766	rVB2	71554	68508	1.91%	0.165%
69	12.492	1767	1769	1772	rVB2	79295	68129	1.90%	0.165%
70	12.539	1775	1777	1783	rVB2	128234	117843	3.28%	0.285%
71	12.621	1788	1791	1794	rBV	646509	569200	15.86%	1.375%

LSC Area Percent Report

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Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.721	1804	1808	1815	rBV2	421862	512450	14.28%	1.238%
73	12.851	1825	1830	1832	rBV2	456187	501132	13.96%	1.211%
74	12.874	1832	1834	1837	rVB	260758	240018	6.69%	0.580%
75	12.998	1851	1855	1858	rBV	3395638	2856895	79.59%	6.901%
76	13.539	1945	1947	1950	rBV2	138327	150093	4.18%	0.363%
77	13.621	1959	1961	1966	rVB	192851	183929	5.12%	0.444%
78	13.892	2005	2007	2014	rVB2	325260	394205	10.98%	0.952%
79	14.033	2028	2031	2033	rBV	1259728	1128266	31.43%	2.725%
80	14.057	2033	2035	2038	rVB	696041	683835	19.05%	1.652%
81	14.504	2108	2111	2114	rBV	781219	704125	19.62%	1.701%
82	15.557	2287	2290	2299	rVB	595838	995277	27.73%	2.404%

Sum of corrected areas: 41397688

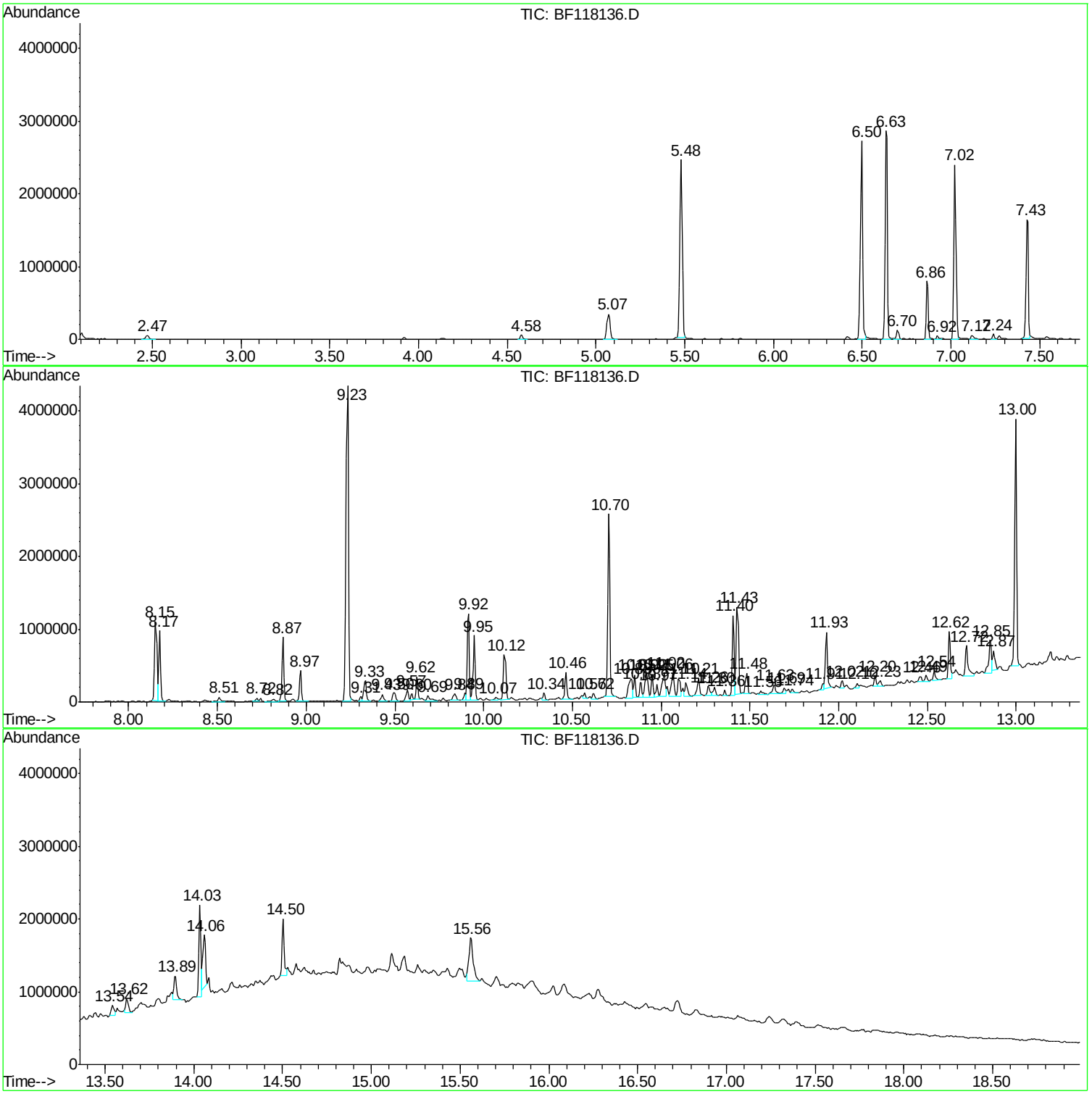
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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 F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

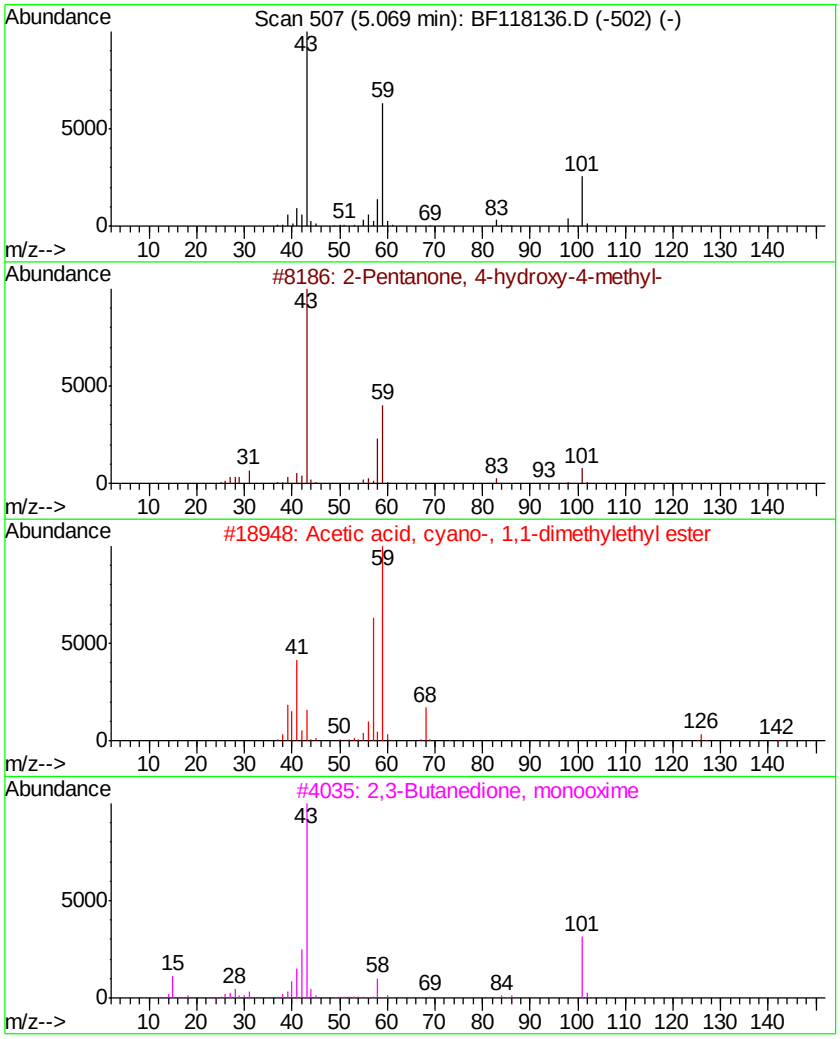
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

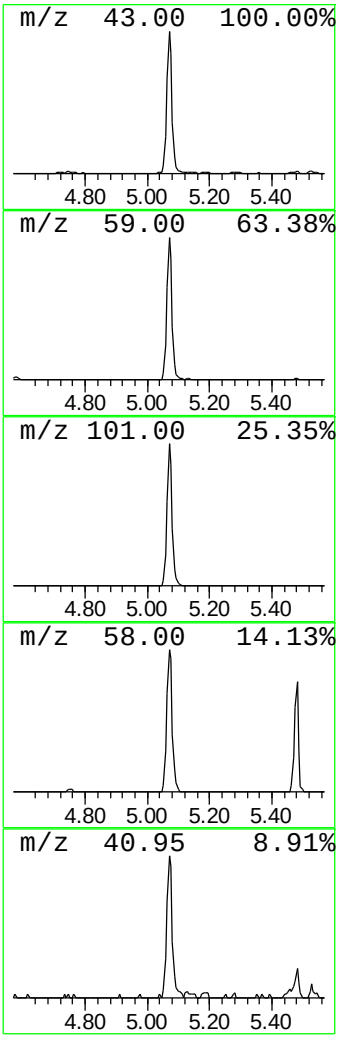
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	11.69 ng	406630	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
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Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

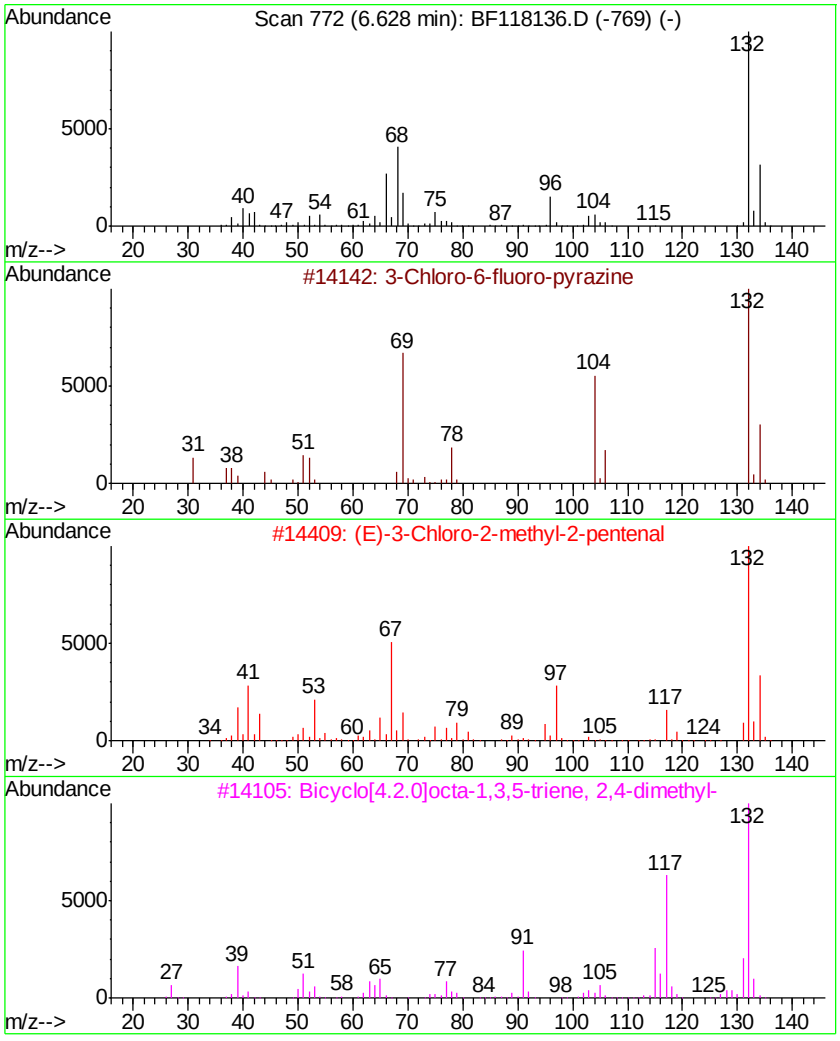
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

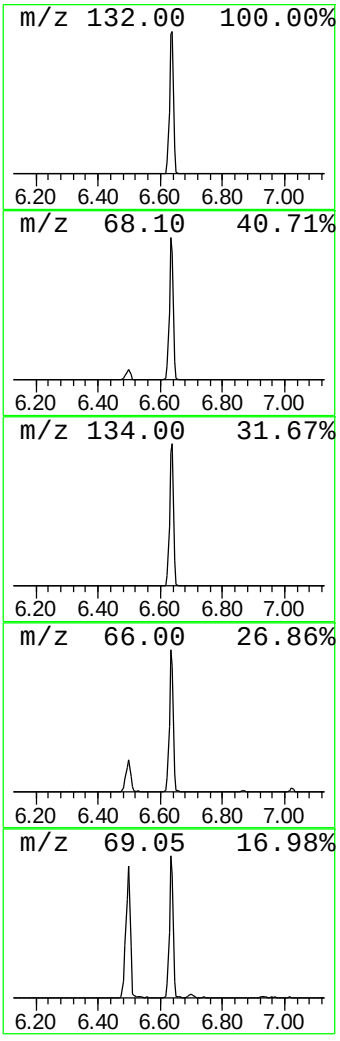
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	78.48 ng	2728810	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
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Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

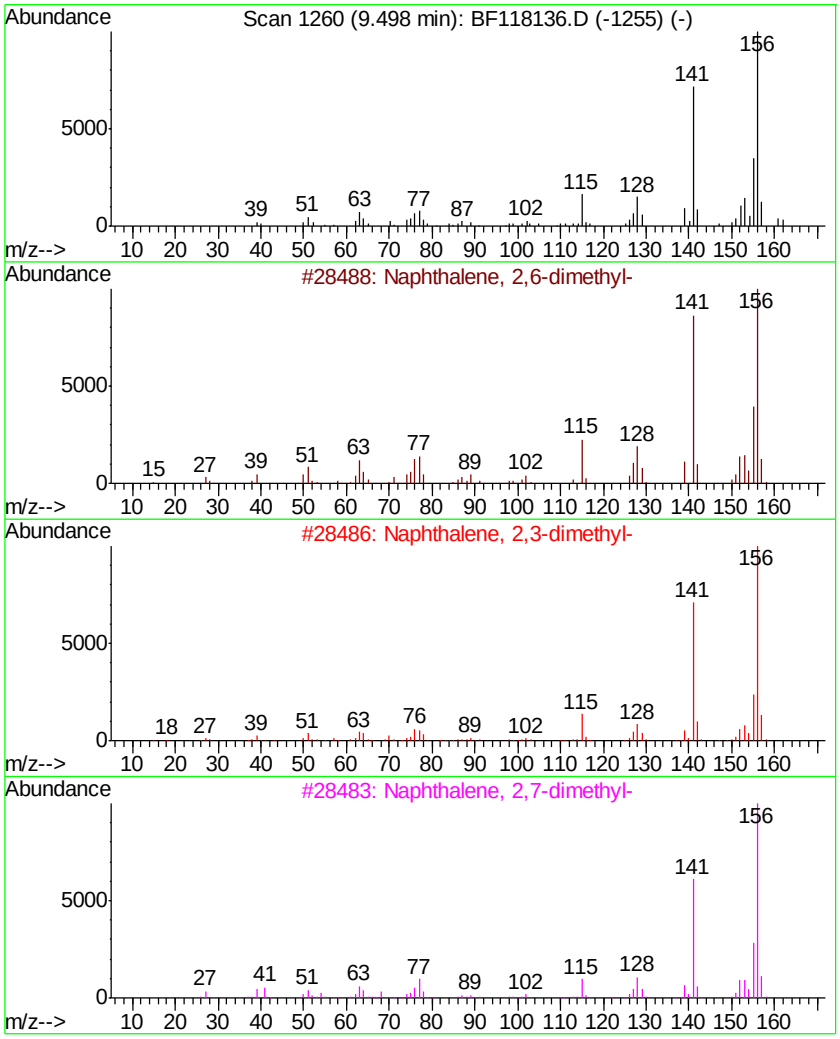
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

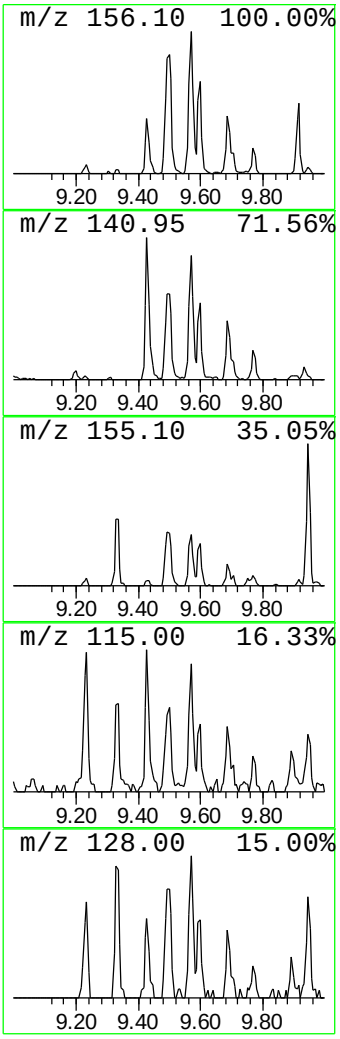
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.94 ng	152793	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

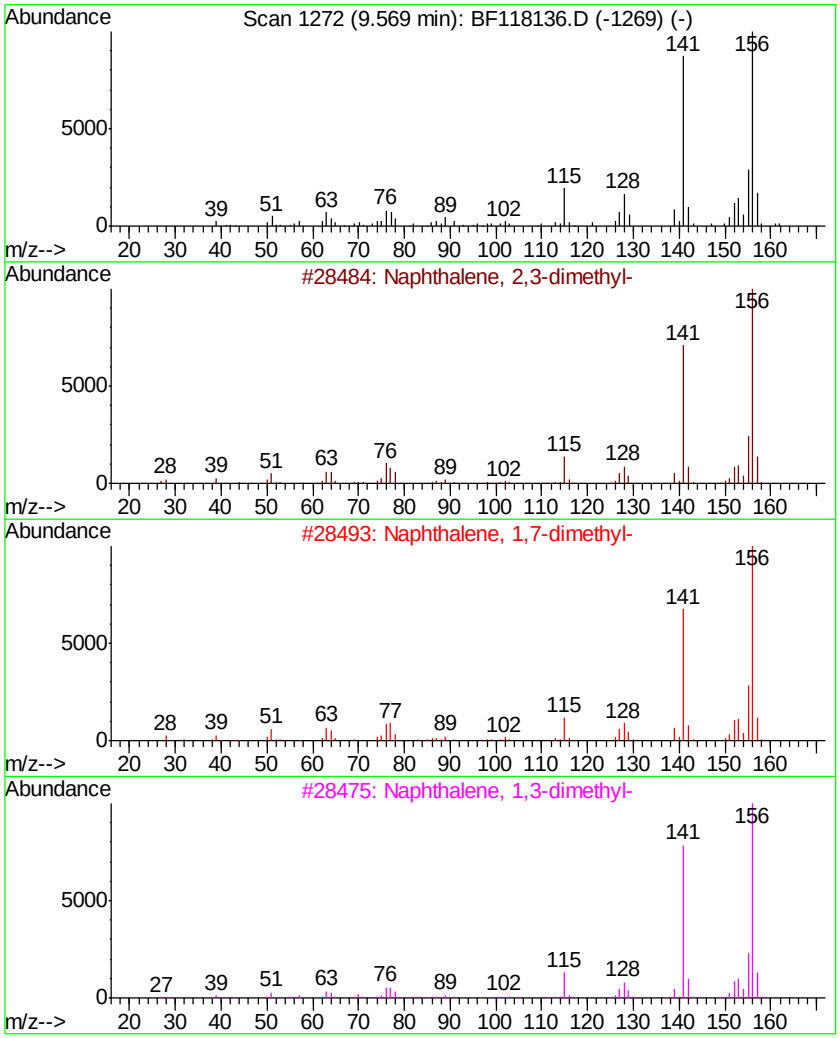
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

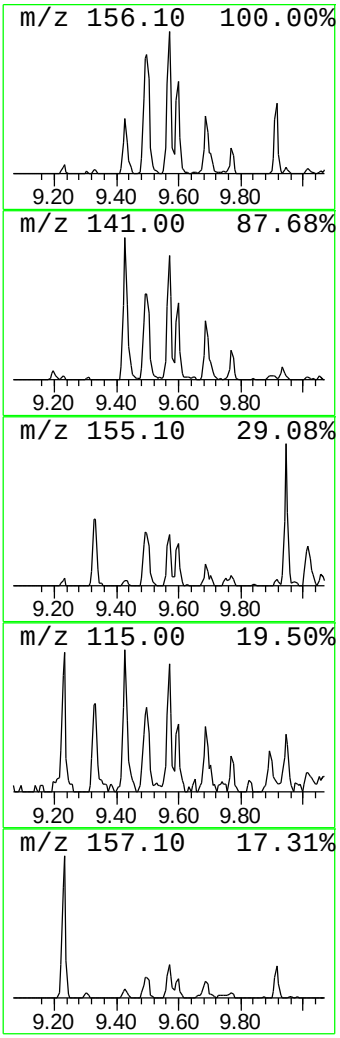
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.84 ng	147373	Acenaphthene-d10	9.92

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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

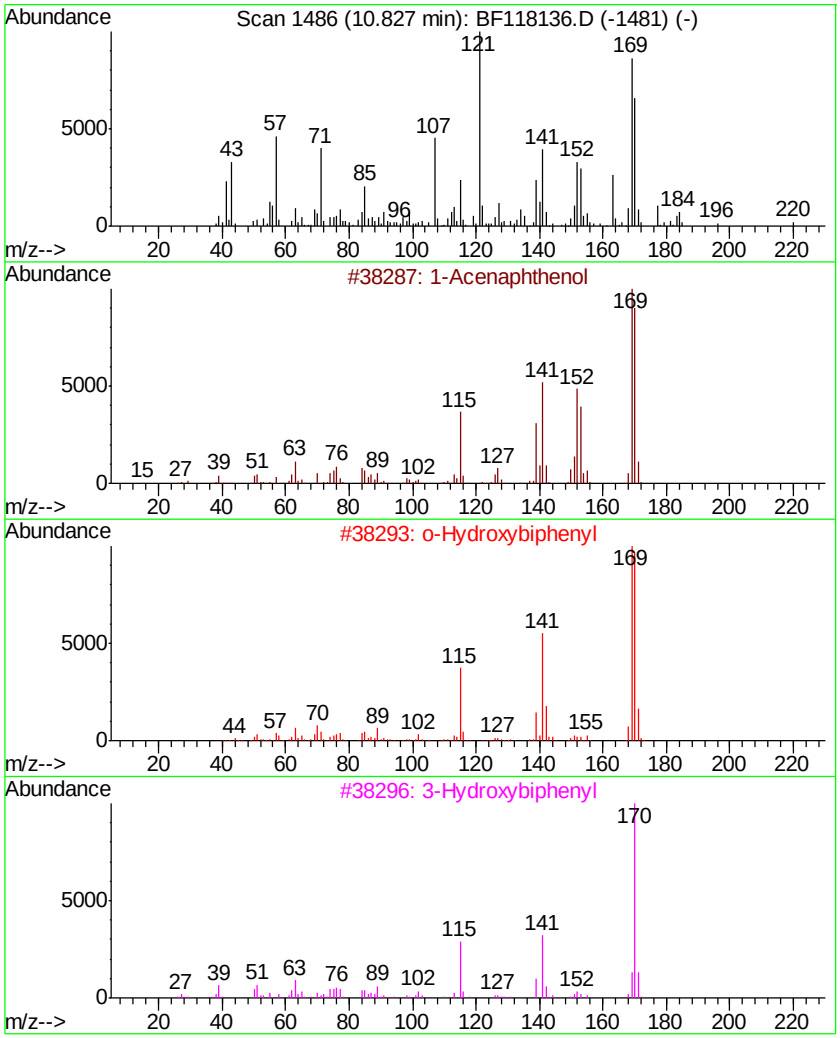
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

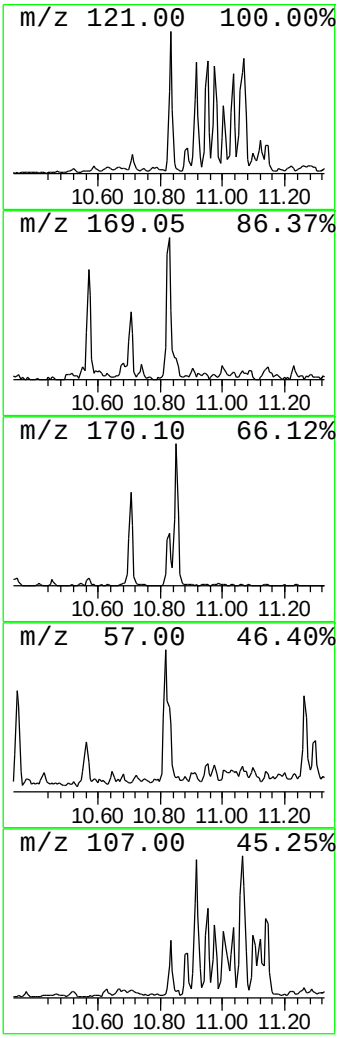
****

Peak Number 6 1-Acenaphthenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	8.10 ng	379039	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	94
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	41
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	25
4	6-Fluorovanillin	170	C8H7FO3	079418-77-2	20
5	Benzaldehyde, 2-fluoro-3-hydroxy...	170	C8H7FO3	079418-73-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

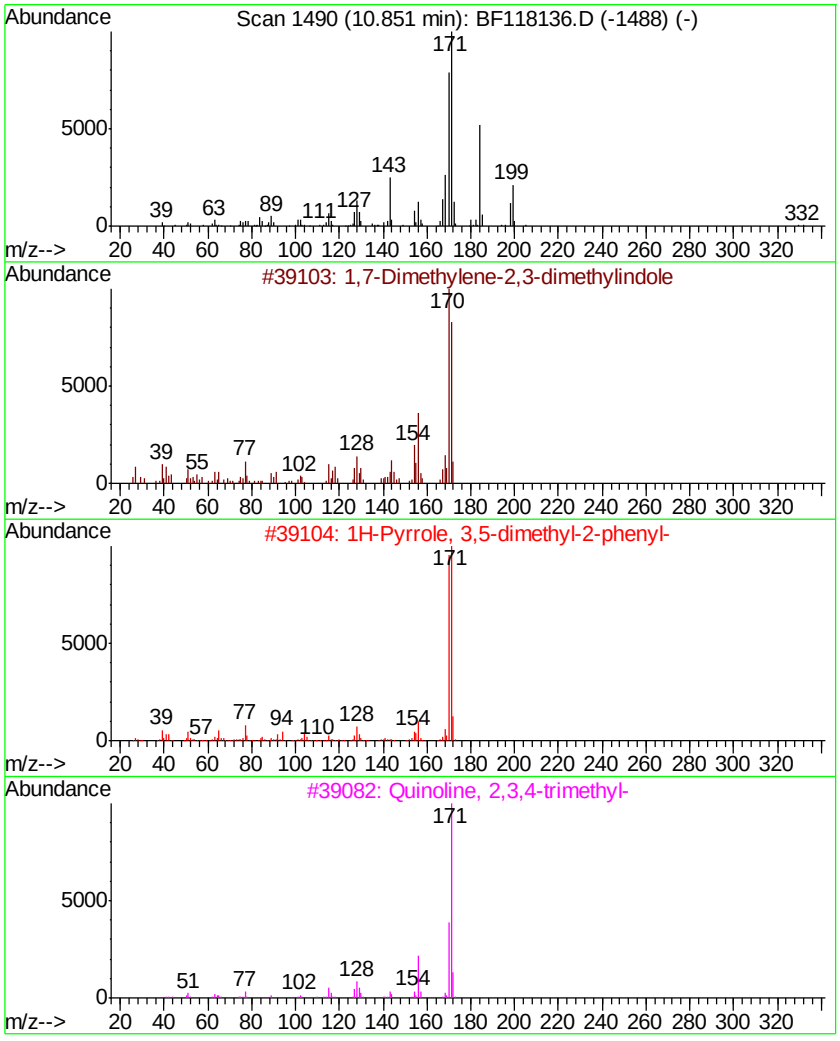
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

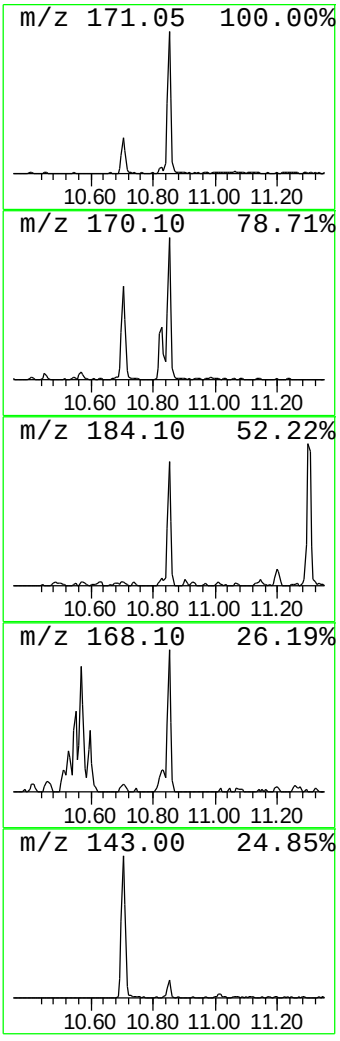
****

Peak Number 7 1,7-Dimethylene-2,3-dimethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	4.96 ng	232223	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethylene-2,3-dimethylindole	171	C12H13N	031401-55-5	58
2	1H-Pyrrole, 3,5-dimethyl-2-phenyl-	171	C12H13N	003274-53-1	47
3	Quinoline, 2,3,4-trimethyl-	171	C12H13N	002437-72-1	41
4	Dansylhydrazine	265	C12H15N3O2S	033008-06-9	38
5	1-Naphthalenamine, N,N-dimethyl-	171	C12H13N	000086-56-6	35





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Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

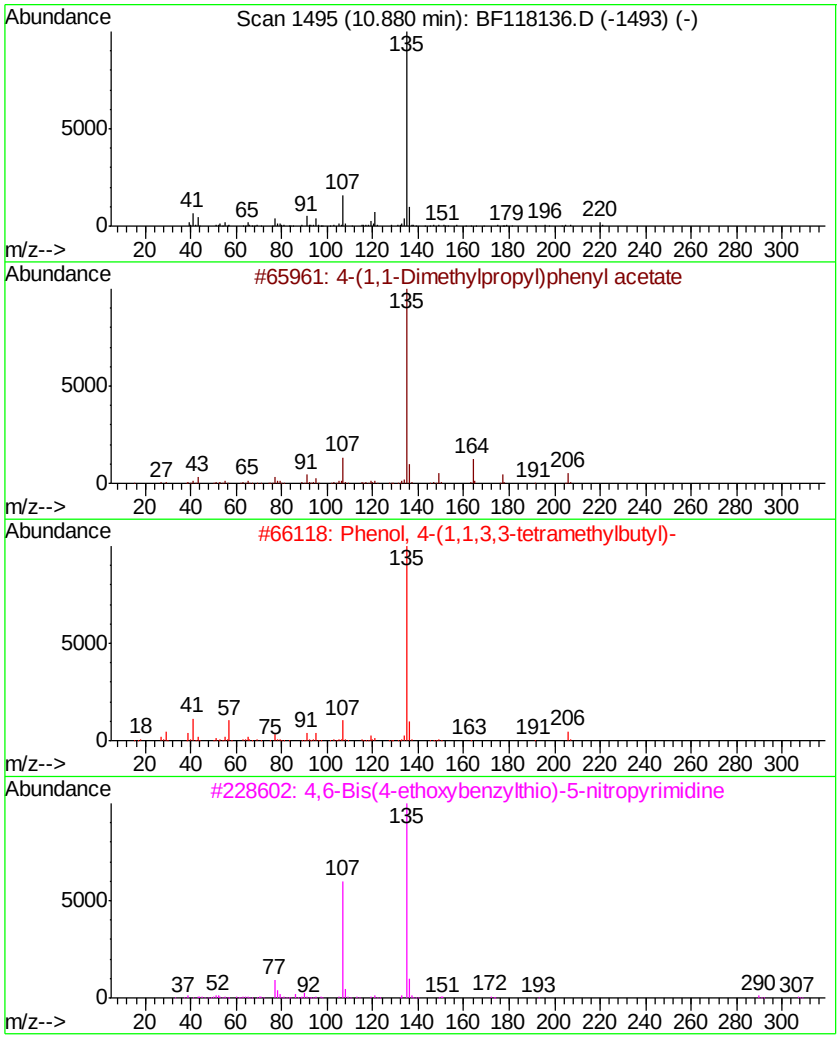
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

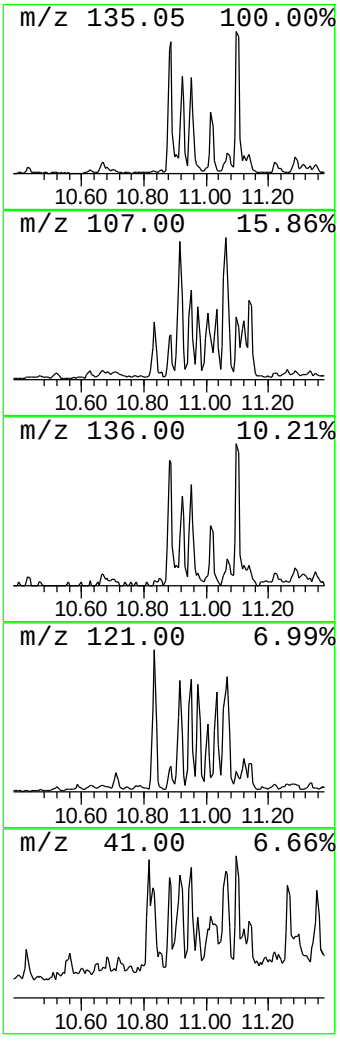
****

Peak Number 8 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.21 ng	197035	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	64
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





Library Search Compound Report

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Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

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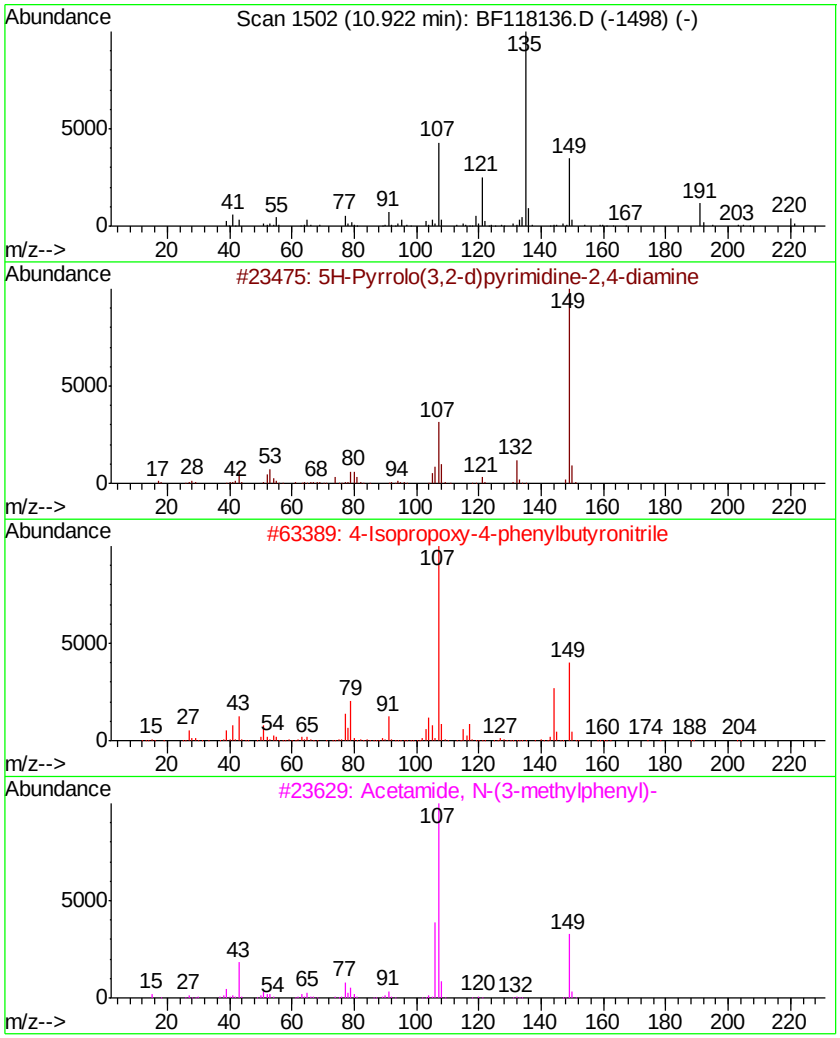
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

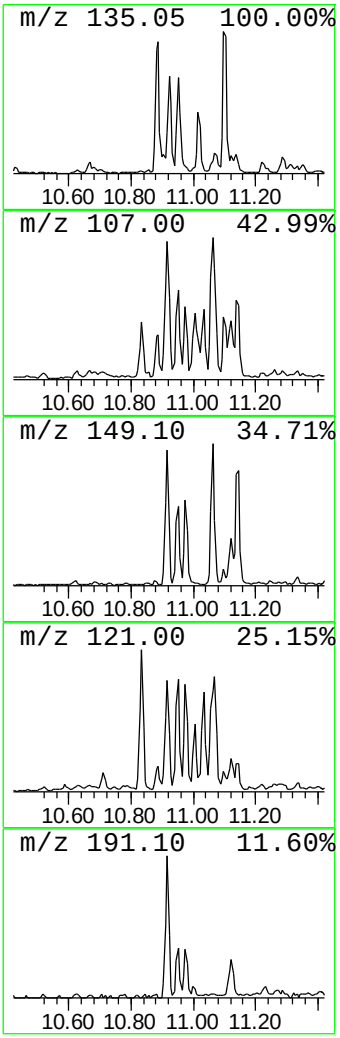
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	7.29 ng	341380	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	53
2	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	53
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
4	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	38
5	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	38





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Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : P001-WC003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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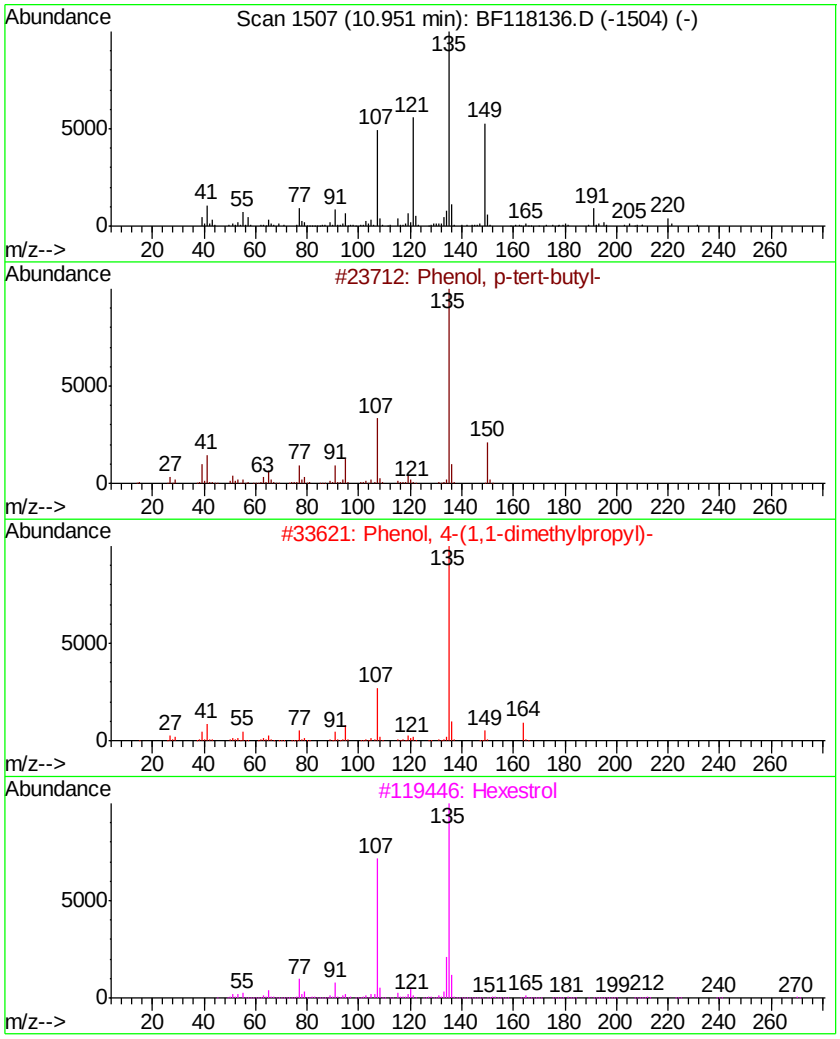
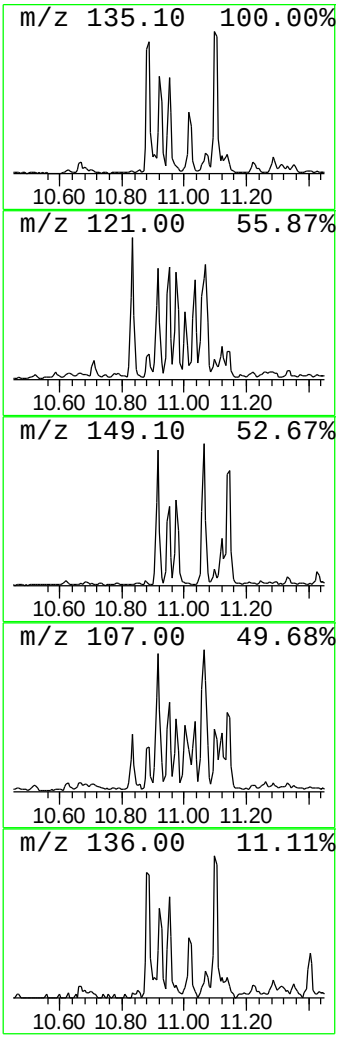
Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	5.34 ng	250162	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	Hexestrol	270	C18H22O2	000084-16-2	47
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47
5	Hexestrol	270	C18H22O2	005635-50-7	47





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Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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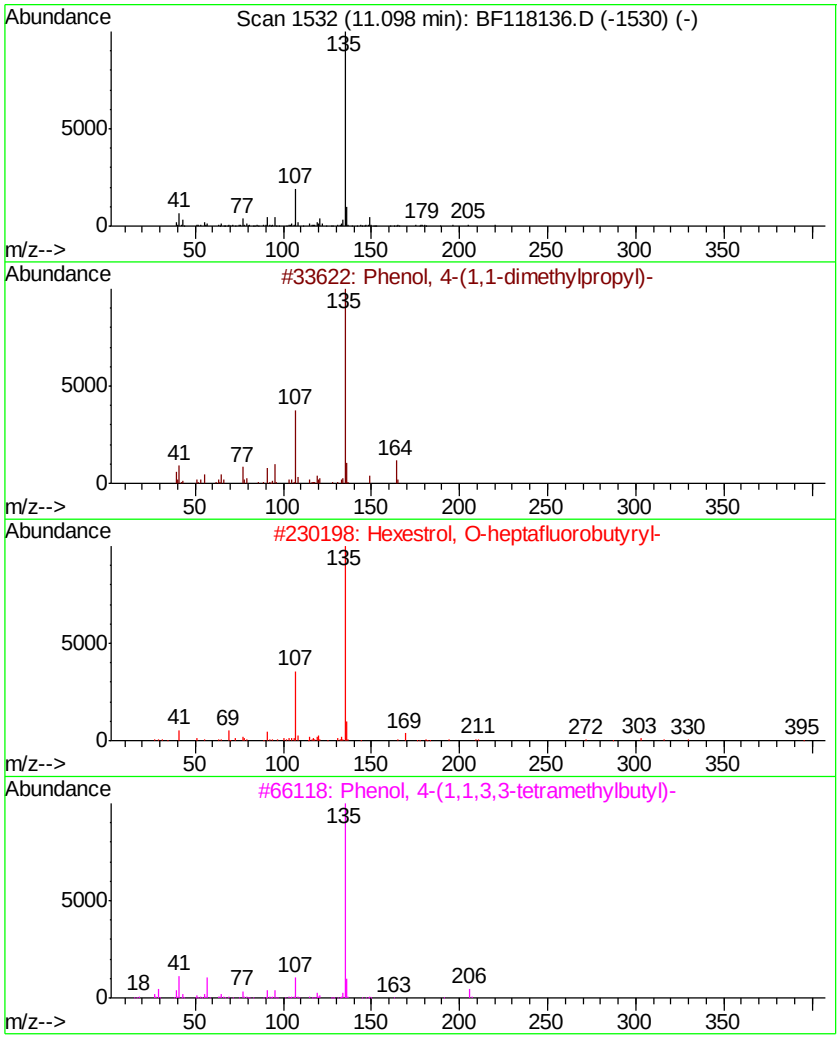
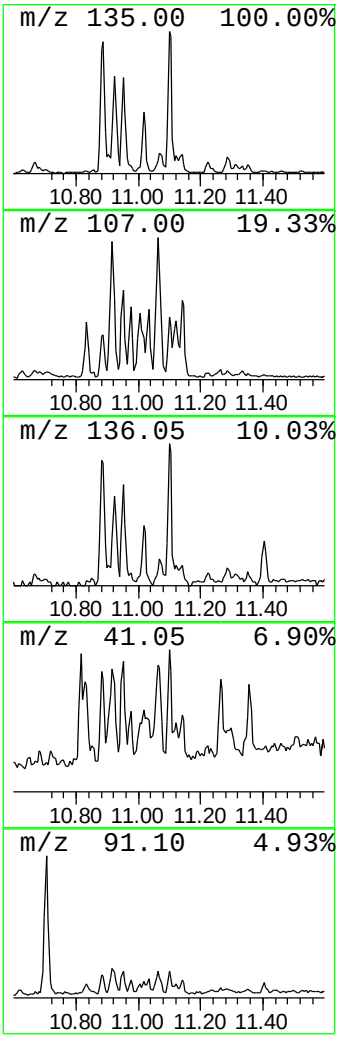
Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.30 ng	201246	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	64
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	59
5	Pentandioic acid, (p-t-butylphen...	264	C15H20O4	212762-88-4	59





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Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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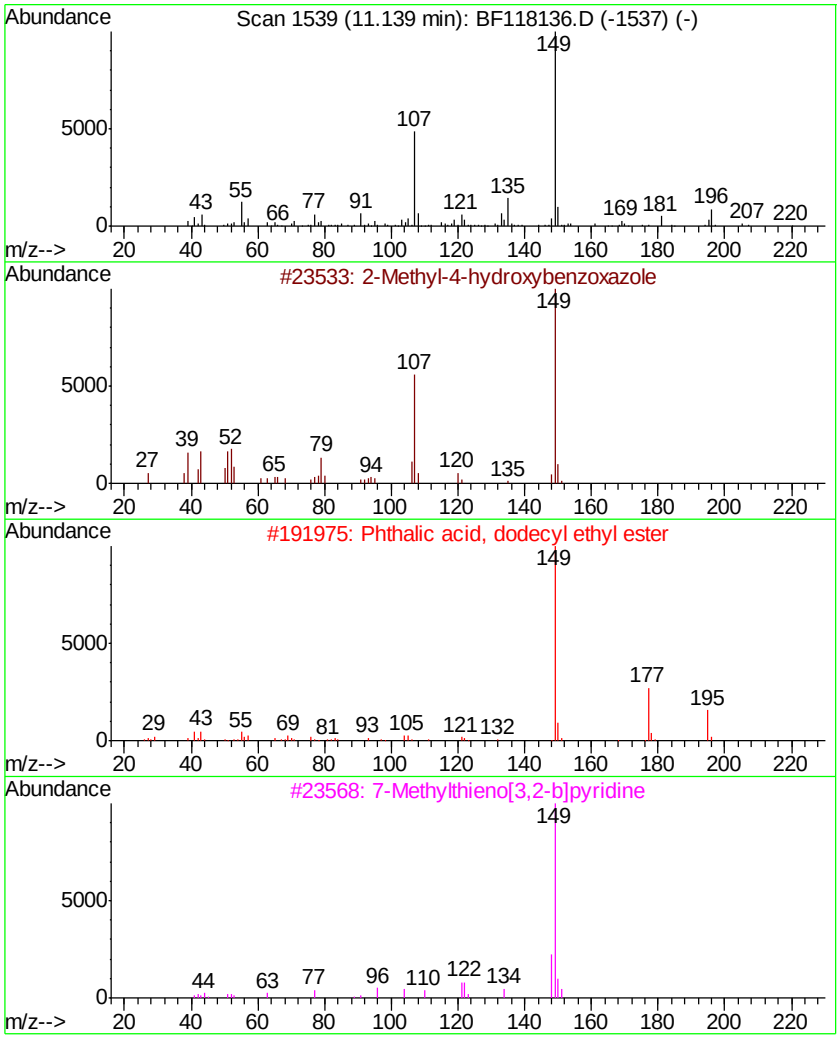
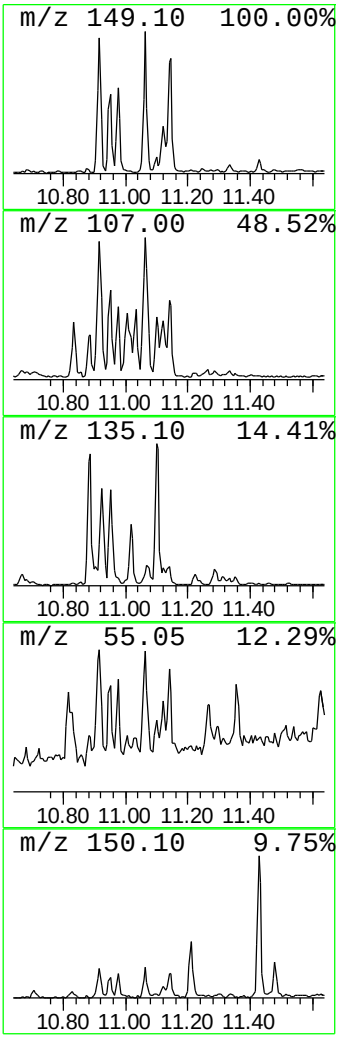
Peak Number 12 2-Methyl-4-hydroxybenzoxazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	3.59 ng	167915	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Phthalic acid, dodecyl ethyl ester	362	C22H34O4	1000308-93-4	43
3	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	43
4	Dibut-3-enyl phthalate	274	C16H18O4	1000373-49-6	38
5	Benzaldehyde, 3-pentafluoropheno...	332	C15H9F5O3	329222-68-6	38





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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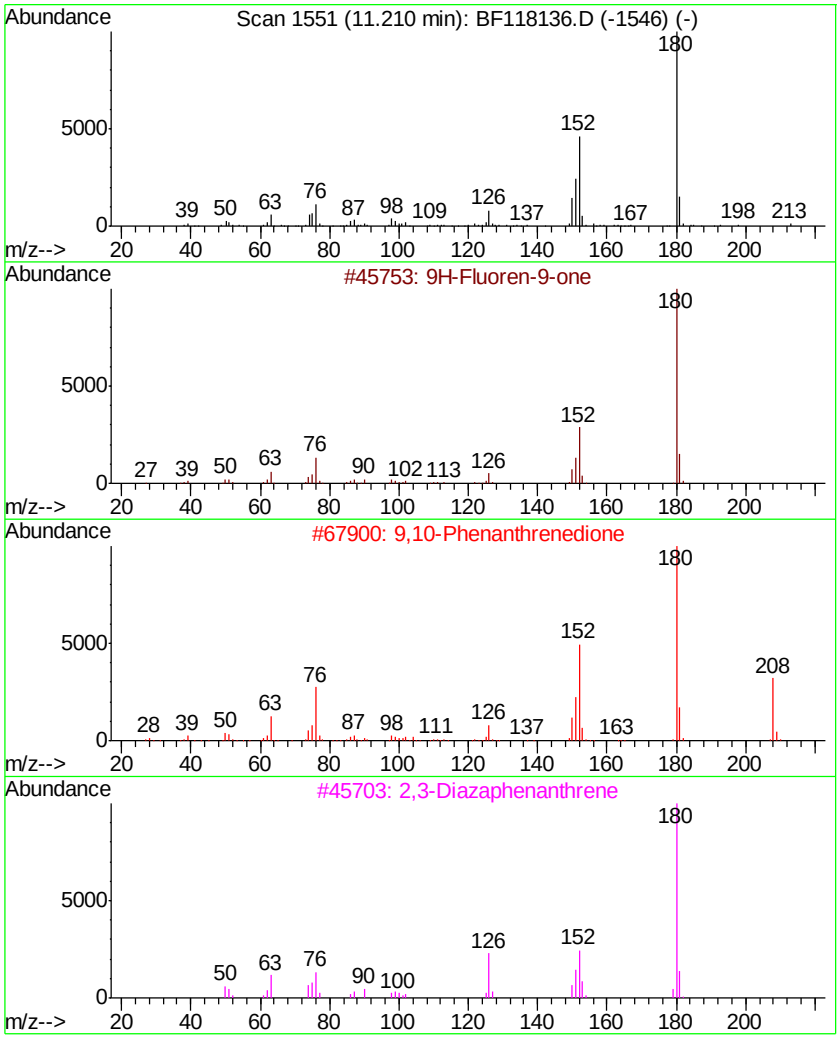
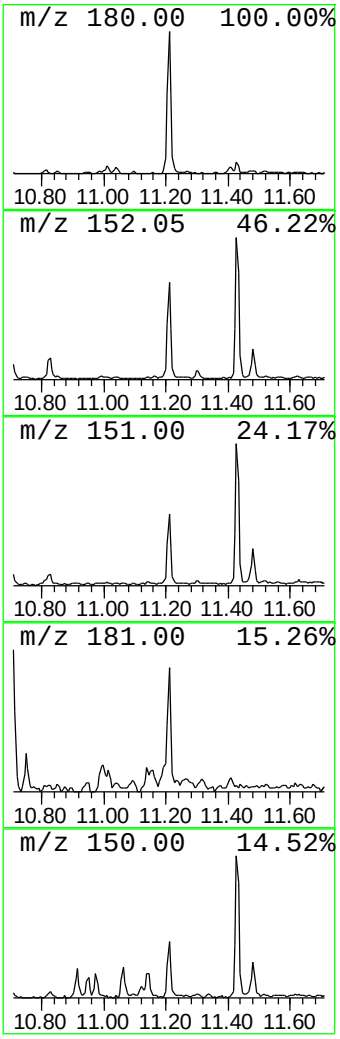
Peak Number 13 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	5.38 ng	251988	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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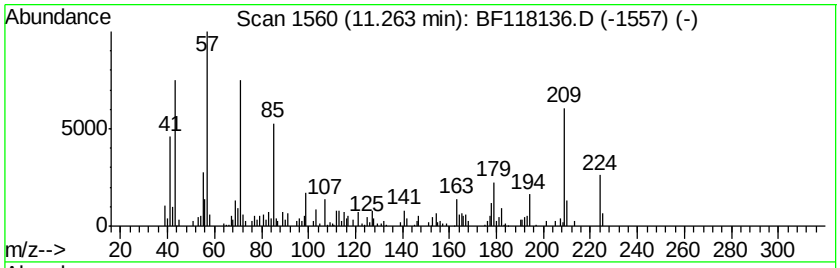
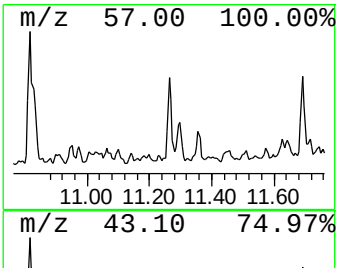
Peak Number 14 unknown11.26 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.98 ng	139355	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	43
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	41
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
4	Tridecane	184	C13H28	000629-50-5	38
5	Octacosane	394	C28H58	000630-02-4	38





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Instrument : BNA_F
ClientSampleId : P001-WC003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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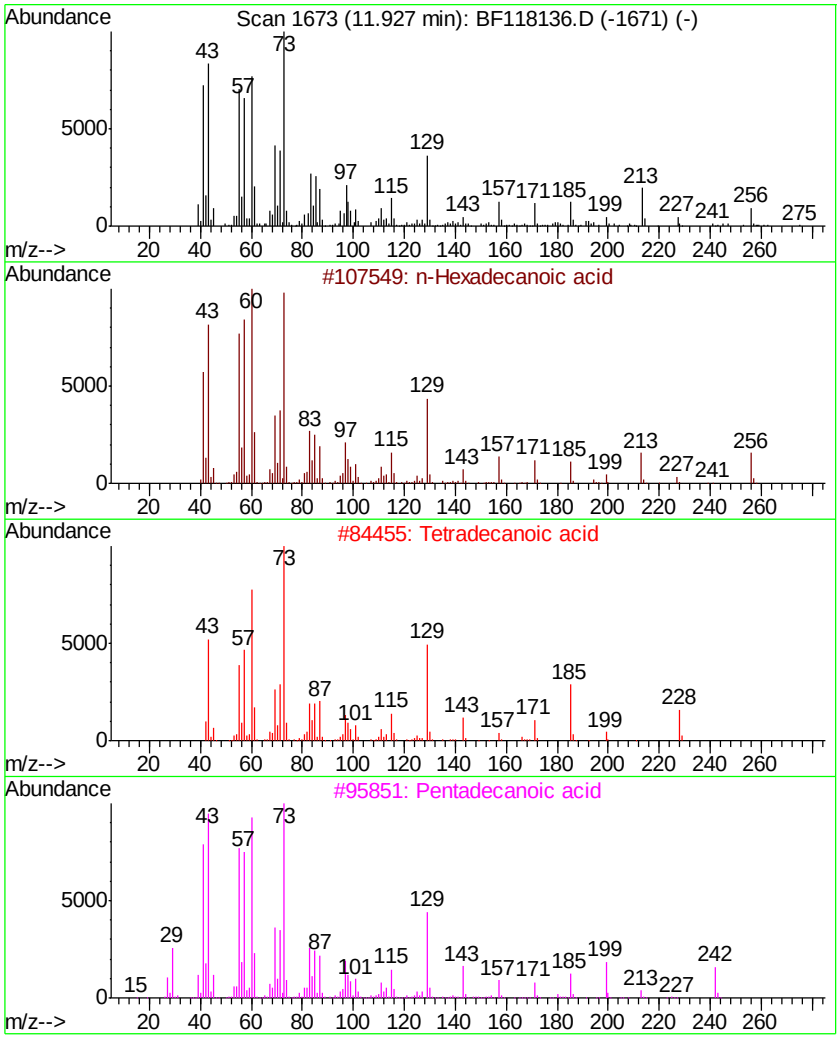
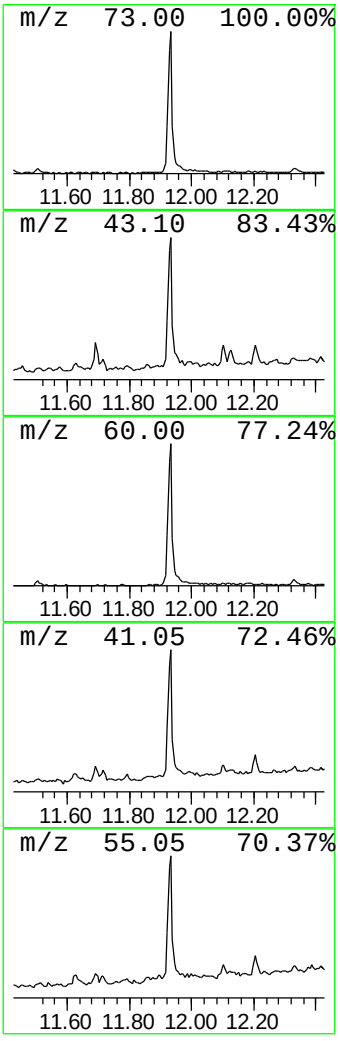
Peak Number 15 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	15.03 ng	703843	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	15





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ClientSampleId : P001-WC003

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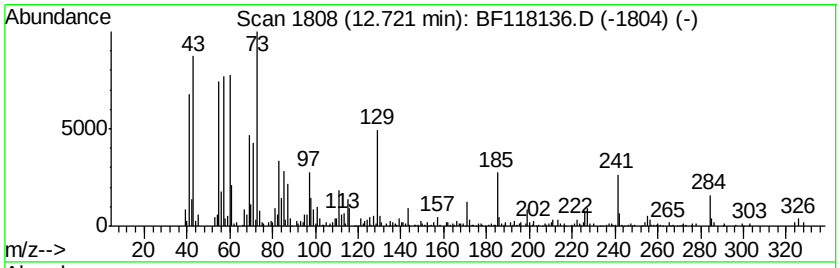
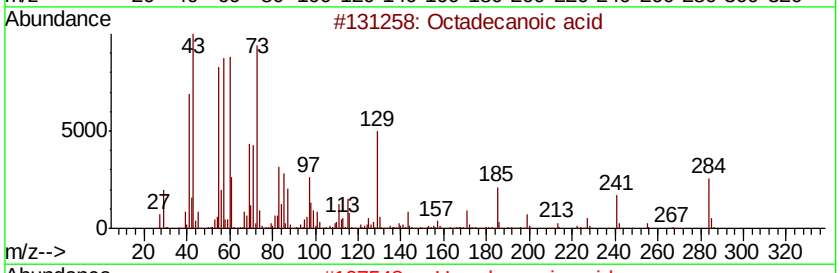
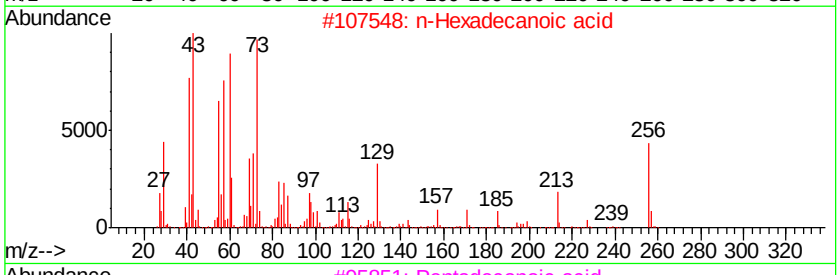
Peak Number 16 Octadecanoic acid Concentration Rank 7

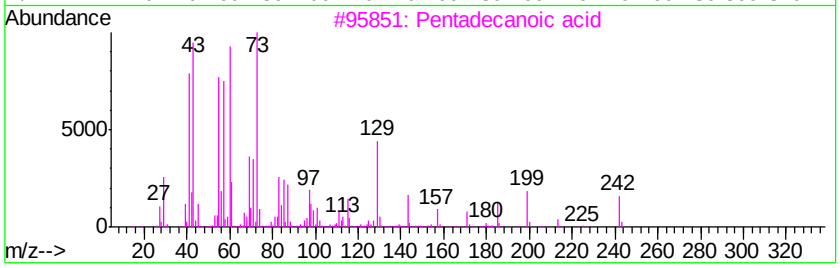
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	10.95 ng	512450	Phenanthrene-d10	11.40

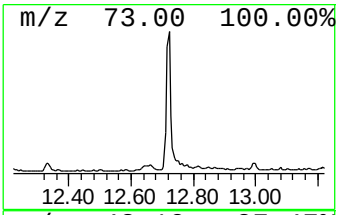
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	90

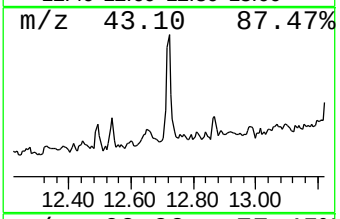


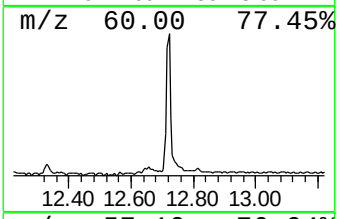


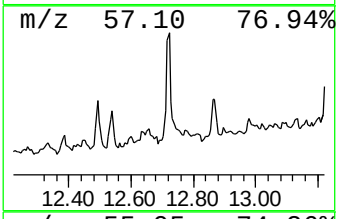


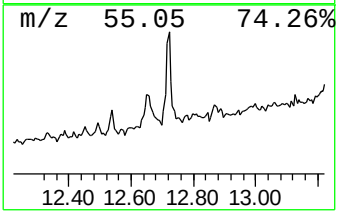












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Misc :
ALS Vial : 17 Sample Multiplier: 1

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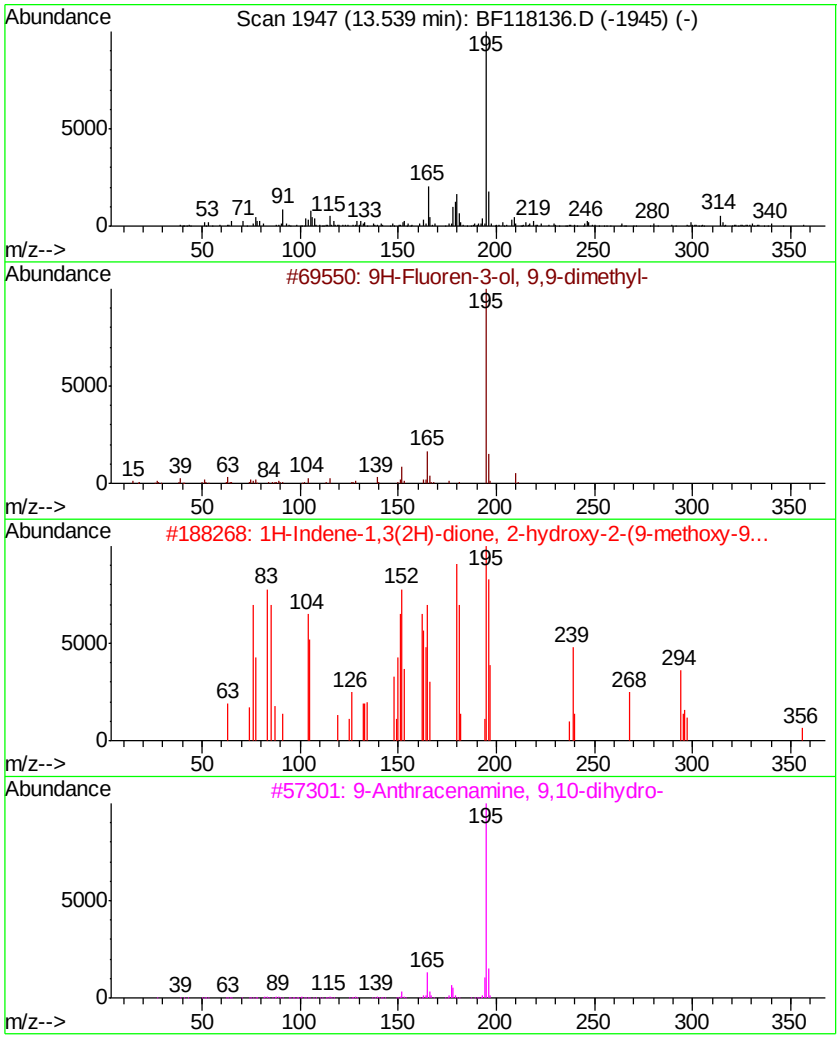
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

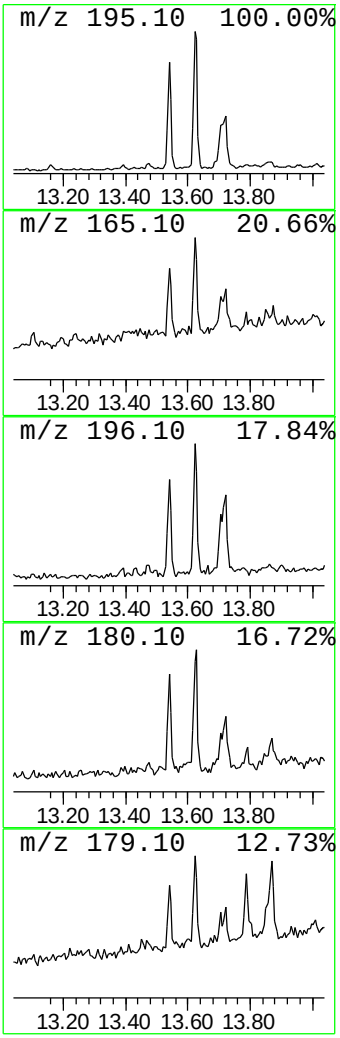
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluoren-3-ol, 9,9-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.39 ng	150093	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol, 9,9-dimethyl-	210	C15H14O	1000141-55-1	53
2	1H-Indene-1,3(2H)-dione, 2-hydro...	356	C23H16O4	050616-96-1	52
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	50
4	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	50
5	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	49





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Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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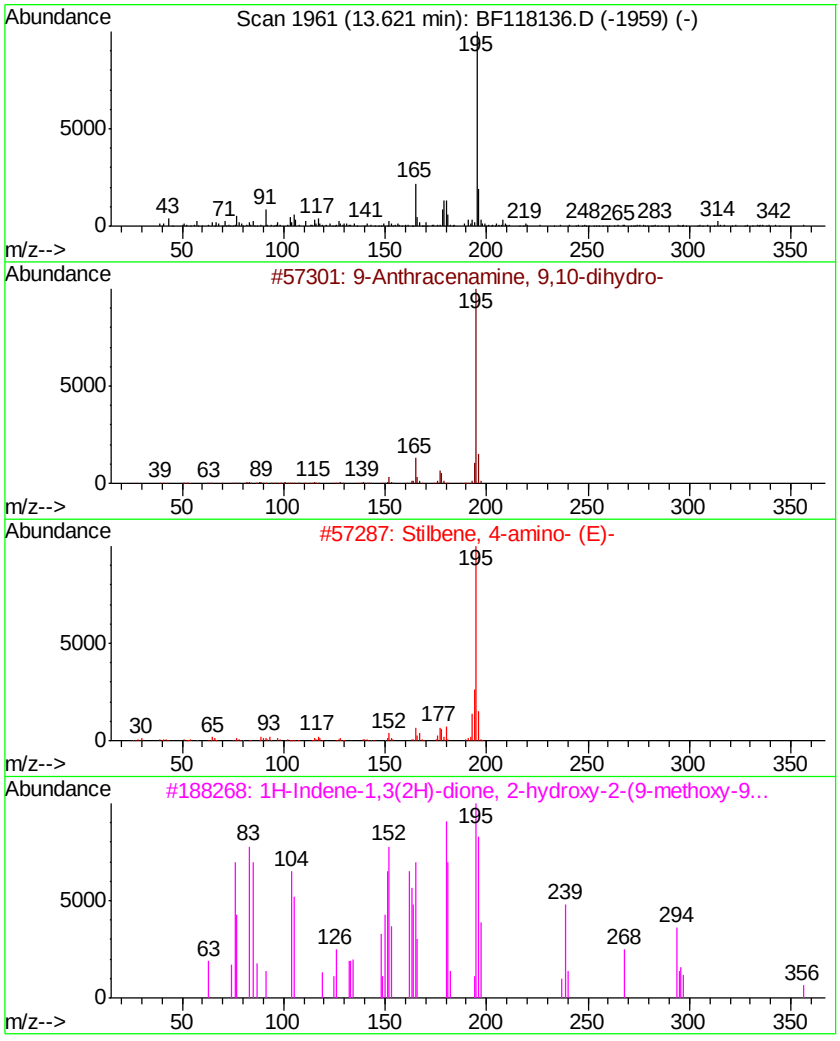
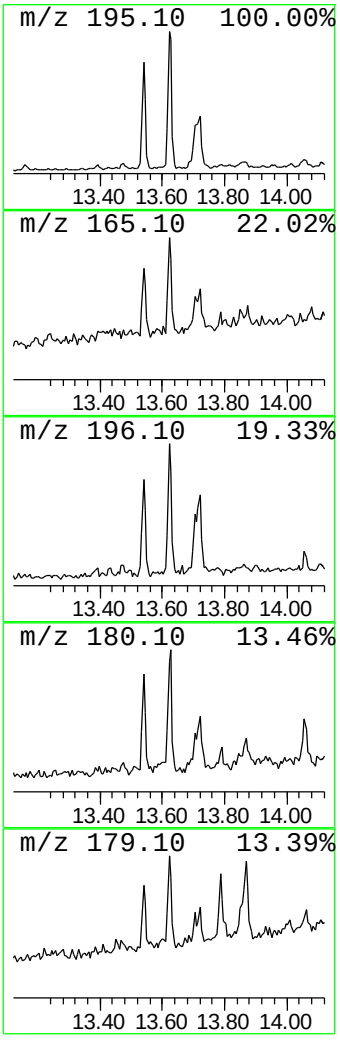
Peak Number 18 9-Anthracenamine, 9,10-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.38 ng	183929	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	64
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	59
3	1H-Indene-1,3(2H)-dione, 2-hydro...	356	C23H16O4	050616-96-1	52
4	Xanthene, 9,9-dimethyl-	210	C15H14O	019814-75-6	45
5	2,6-Dimethylbenzenethiol, S-(ter...	252	C14H24SSi	1000353-02-4	45





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Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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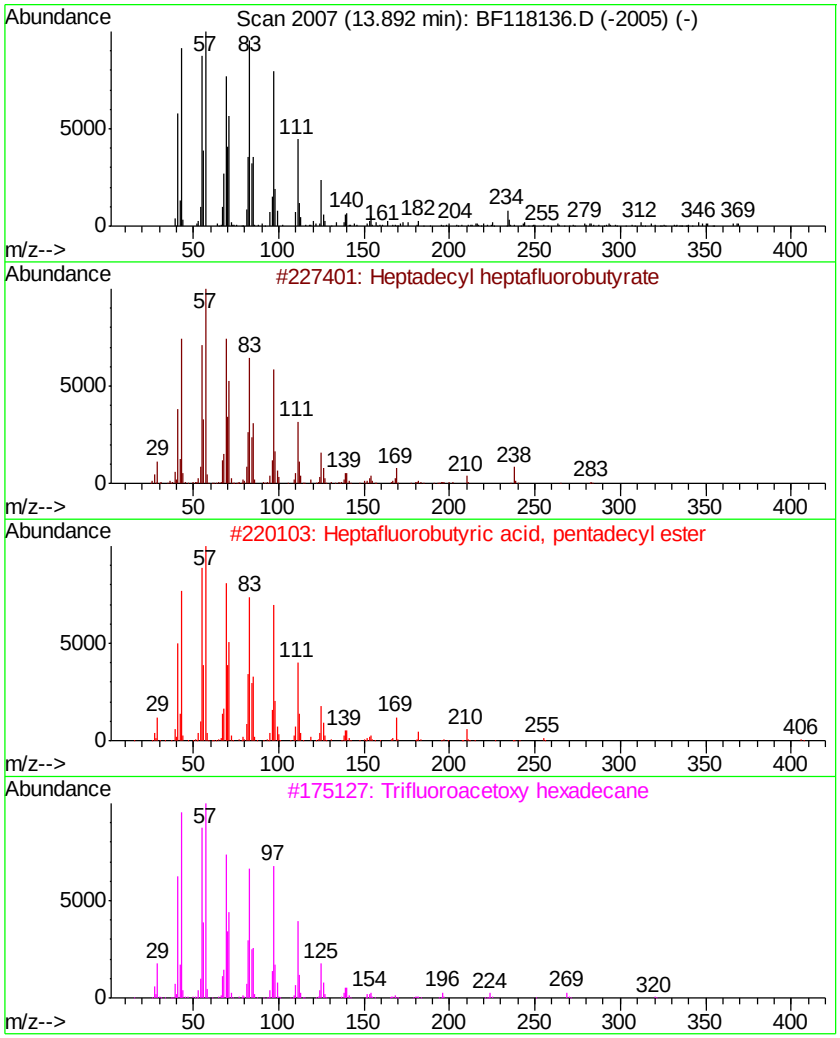
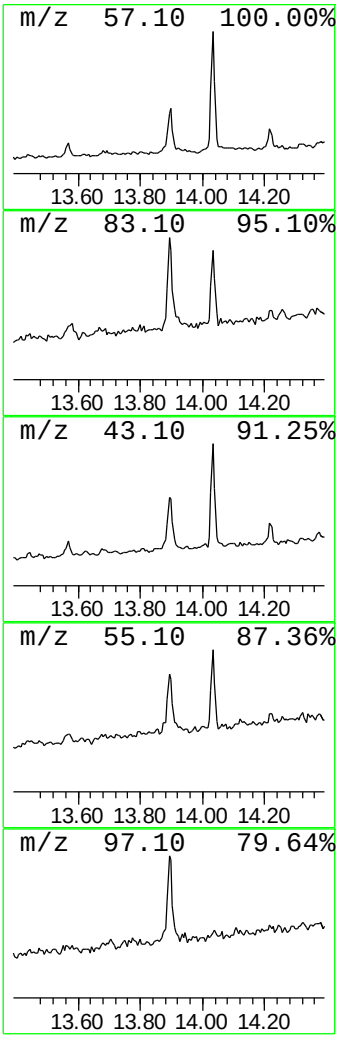
Peak Number 19 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	11.53 ng	394205	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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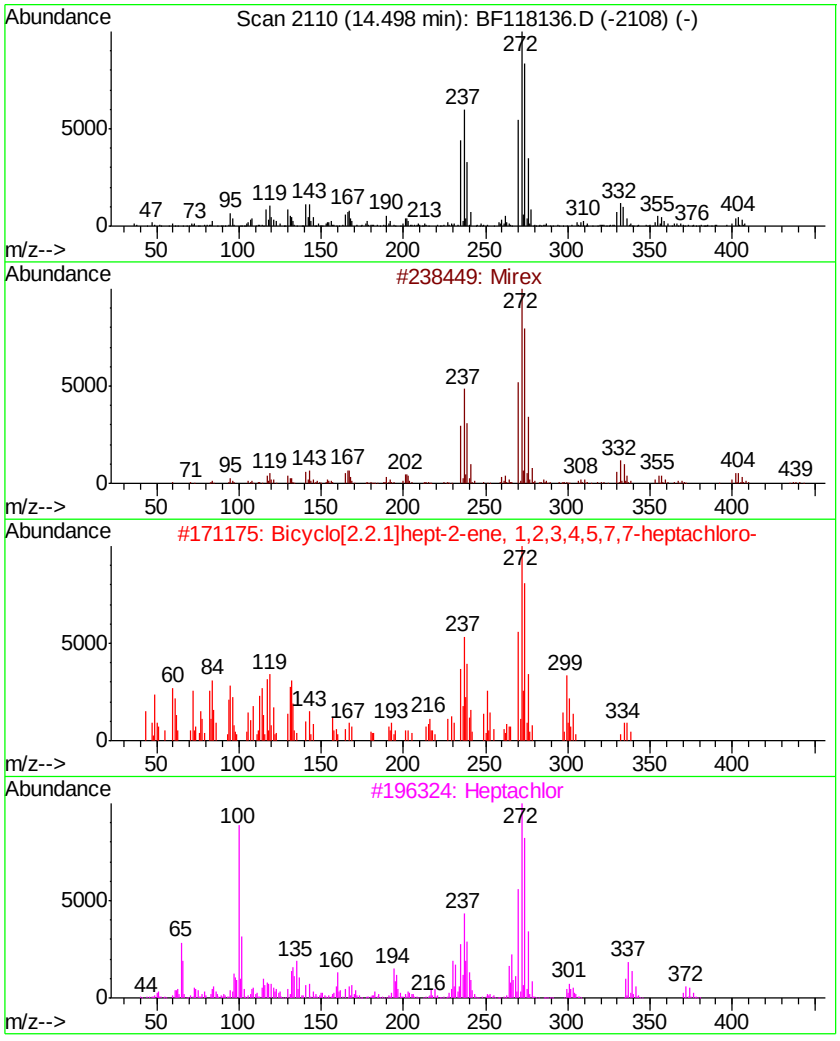
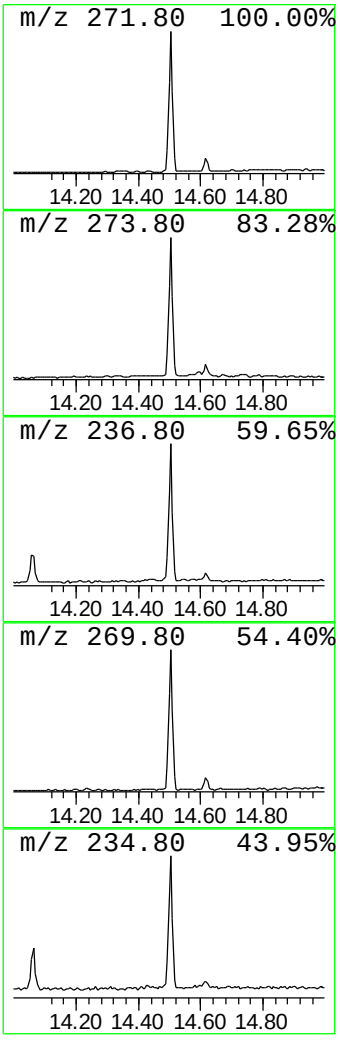
Peak Number 20 Mirex Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	20.59 ng	704125	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mirex	540	C10Cl12	002385-85-5	93
2	Bicyclo[2.2.1]hept-2-ene, 1,2,3,...	332	C7H3Cl7	005202-36-8	91
3	Heptachlor	370	C10H5Cl7	000076-44-8	83
4	Kepone	486	C10Cl10O	000143-50-0	74
5	1,3,4-Metheno-2H-cyclobuta[cd]pe...	452	C10HCl9O	053308-47-7	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118136.D
Acq On : 7 Dec 2019 18:30
Operator : JU
Sample : K6147-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
2-Pentanone, 4-hy...	5.07	11.7	ng	406630	1	6.86	695406	20.0
unknown6.63	6.63	78.5	ng	2728810	1	6.86	695406	20.0
Naphthalene, 2,6-...	9.50	2.9	ng	152793	3	9.92	1037990	20.0
Naphthalene, 2,3-...	9.57	2.8	ng	147373	3	9.92	1037990	20.0
1-Acenaphthenol	10.83	8.1	ng	379039	4	11.40	936362	20.0
1,7-Dimethylene-2...	10.85	5.0	ng	232223	4	11.40	936362	20.0
4-(1,1-Dimethylpr...	10.88	4.2	ng	197035	4	11.40	936362	20.0
5H-Pyrrolo(3,2-d)...	10.92	7.3	ng	341380	4	11.40	936362	20.0
Phenol, p-tert-bu...	10.95	5.3	ng	250162	4	11.40	936362	20.0
Phenol, 4-(1,1-di...	11.10	4.3	ng	201246	4	11.40	936362	20.0
2-Methyl-4-hydrox...	11.14	3.6	ng	167915	4	11.40	936362	20.0
9H-Fluoren-9-one	11.21	5.4	ng	251988	4	11.40	936362	20.0
unknown11.26	11.26	3.0	ng	139355	4	11.40	936362	20.0
n-Hexadecanoic acid	11.93	15.0	ng	703843	4	11.40	936362	20.0
Octadecanoic acid	12.72	10.9	ng	512450	4	11.40	936362	20.0
9H-Fluoren-3-ol, ...	13.54	4.4	ng	150093	5	14.06	683835	20.0
9-Anthracenamine,...	13.62	5.4	ng	183929	5	14.06	683835	20.0
Heptadecyl heptaf...	13.89	11.5	ng	394205	5	14.06	683835	20.0
Mirex	14.50	20.6	ng	704125	5	14.06	683835	20.0