LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143363.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	3	6	16	rVB	740372	1084938	45.04%	3.063%
2	5.145	497	502	512	rBV	120952	169335	7.03%	0.478%
3	5.557	567	572	592	rBV	1060209	1412699	58.65%	3.989%
4	6.551	736	741	762	rBV	1036760	1426676	59.23%	4.028%
5	6.928	800	805	814	rBV	748697	920481	38.22%	2.599%
6	7.481	894	899	910	rBV	705723	921247	38.25%	2.601%
7	8.210	1017	1023	1046	rVB	893465	1214779	50.43%	3.430%
8	8.922	1139	1144	1148	rBV	24793	32064	1.33%	0.091%
9	9.022	1156	1161	1166	rVB	22926	29366	1.22%	0.083%
10	9.163	1180	1185	1192	rBV5	15400	28281	1.17%	0.080%
11	9.280	1199	1205	1214	rBV	1413436	1768996	73.44%	4.995%
12	9.622	1258	1263	1278	rVV2	62689	110992	4.61%	0.313%
13	9.822	1292	1297	1302	rVB2	44044	57975	2.41%	0.164%
14	9.963	1312	1321	1325	rBV	988041	1284353	53.32%	3.626%
15	9.992	1325	1326	1331	rVB	138229	128667	5.34%	0.363%
16	10.169	1351	1356	1360	rBV	78856	106751	4.43%	0.301%
17	10.369	1385	1390	1396	rBV3	24701	42362	1.76%	0.120%
18	10.510	1402	1414	1419	rBV	142777	200000	8.30%	0.565%
19	10.574	1419	1425	1427	rBV3	15446	28085	1.17%	0.079%
20	10.669	1436	1441	1448	rVB	189372	248164	10.30%	0.701%
21	10.751	1449	1455	1461	rBV	654856	893540	37.10%	2.523%
22	10.874	1471	1476	1482	rVB3	27311	46904	1.95%	0.132%
23	10.980	1491	1494	1499	rVB	29490	36069	1.50%	0.102%
24	11.057	1500	1507	1510	rBV3	32926	58999	2.45%	0.167%
25	11.186	1524	1529	1530	rBV2	17540	24492	1.02%	0.069%
26	11.210	1530	1533	1536	rVV2	21449	32162	1.34%	0.091%
27	11.251	1536	1540	1544	rVV	37972	53888	2.24%	0.152%
28	11.304	1544	1549	1552	rVV3	24094	44830	1.86%	0.127%
29	11.345	1552	1556	1561	rVB	59368	81744	3.39%	0.231%
30	11.451	1568	1574	1575	rBV	856323	1050522	43.61%	2.966%
31	11.474	1575	1578	1582	rVV	1083859	1383207	57.43%	3.905%
32	11.521	1582	1586	1591	rVB	215143	275833	11.45%	0.779%
33	11.674	1608	1612	1620	rBV	72613	123084	5.11%	0.348%
34	11.745	1620	1624	1627	rVV2	29389	41764	1.73%	0.118%
35	11.780	1627	1630	1635	rVB3	20784	28048	1.16%	0.079%
36	11.974	1654	1663	1668	rBV2	248773	524935	21.79%	1.482%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.027	1669	1672	1674	rVV2	52818	71784	2.98%	0.203%
38	12.063	1674	1678	1686	rVB2	222429	382985	15.90%	1.081%
39	12.151	1686	1693	1696	rBV4	22217	45367	1.88%	0.128%
40	12.245	1705	1709	1711	rBV	69040	93806	3.89%	0.265%
41	12.268	1711	1713	1719	rVB2	76878	86029	3.57%	0.243%
42	12.398	1731	1735	1737	rBV	25330	32108	1.33%	0.091%
43	12.498	1748	1752	1755	rBV	57566	76773	3.19%	0.217%
44	12.533	1755	1758	1763	rVV2	40082	65107	2.70%	0.184%
45	12.586	1763	1767	1774	rVB	64808	92543	3.84%	0.261%
46	12.663	1775	1780	1785	rBV	1494092	1875286	77.86%	5.295%
47	12.704	1785	1787	1792	rVV3	21487	28379	1.18%	0.080%
48	12.757	1792	1796	1799	rVV	53372	68140	2.83%	0.192%
49	12.816	1803	1806	1812	rVB3	41210	52018	2.16%	0.147%
50	12.892	1812	1819	1824	rBV	1248498	1860354	77.24%	5.253%
51	12.939	1824	1827	1832	rVB2	58925	87605	3.64%	0.247%
52	13.027	1835	1842	1850	rBV	1267298	1696694	70.44%	4.791%
53	13.110	1850	1856	1864	rBV3	105380	243435	10.11%	0.687%
54	13.215	1867	1874	1878	rVB	177512	308213	12.80%	0.870%
55	13.286	1882	1886	1889	rVV	114317	147313	6.12%	0.416%
56	13.321	1889	1892	1899	rVB3	115342	170529	7.08%	0.481%
57	13.415	1905	1908	1911	rBV	54756	69416	2.88%	0.196%
58	13.445	1911	1913	1922	rVB2	57313	84520	3.51%	0.239%
59	13.721	1957	1960	1966	rVB	104764	149289	6.20%	0.422%
60	13.786	1967	1971	1975	rBV	183752	233390	9.69%	0.659%
61	13.833	1975	1979	1982	rBV2	118743	185911	7.72%	0.525%
62	13.863	1982	1984	1986	rVV	41697	38963	1.62%	0.110%
63	13.933	1992	1996	2005	rVB	207011	341219	14.17%	0.963%
64	14.086	2015	2022	2025	rBV2	1366196	2408654	100.00%	6.801%
65	14.192	2037	2040	2044	rBV	89882	112028	4.65%	0.316%
66	14.310	2057	2060	2064	rVB2	63306	78728	3.27%	0.222%
67	14.474	2084	2088	2091	rBV	88162	109049	4.53%	0.308%
68	14.510	2091	2094	2097	rVB2	57888	63634	2.64%	0.180%
69	14.568	2098	2104	2107	rBV5	113421	261081	10.84%	0.737%
70	14.715	2125	2129	2134	rBV	291318	414896	17.23%	1.171%
71	15.009	2176	2179	2183	rVB	132324	156769	6.51%	0.443%
72	15.145	2196	2202	2209	rBV	756867	1750990	72.70%	4.944%
73	15.209	2209	2213	2216	rVV2	288092	426930	17.72%	1.205%
74	15.251	2216	2220	2231	rVB	208314	411462	17.08%	1.162%
75	15.451	2249	2254	2259	rVB	419808	635422	26.38%	1.794%
76	15.515	2260	2265	2270	rVV	560288	855237	35.51%	2.415%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
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Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.580	2270	2276	2290	rVB2	761168	1510367	62.71%	4.264%
78	15.804	2311	2314	2320	rVB2	104827	170661	7.09%	0.482%
79	16.045	2350	2355	2363	rVB	269851	487533	20.24%	1.377%
80	16.874	2491	2496	2502	rBV2	90639	209832	8.71%	0.592%
81	17.086	2526	2532	2542	rBV2	223517	476819	19.80%	1.346%
82	17.545	2604	2610	2621	rVB	163751	374354	15.54%	1.057%

Sum of corrected areas: 35417854

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
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Misc :
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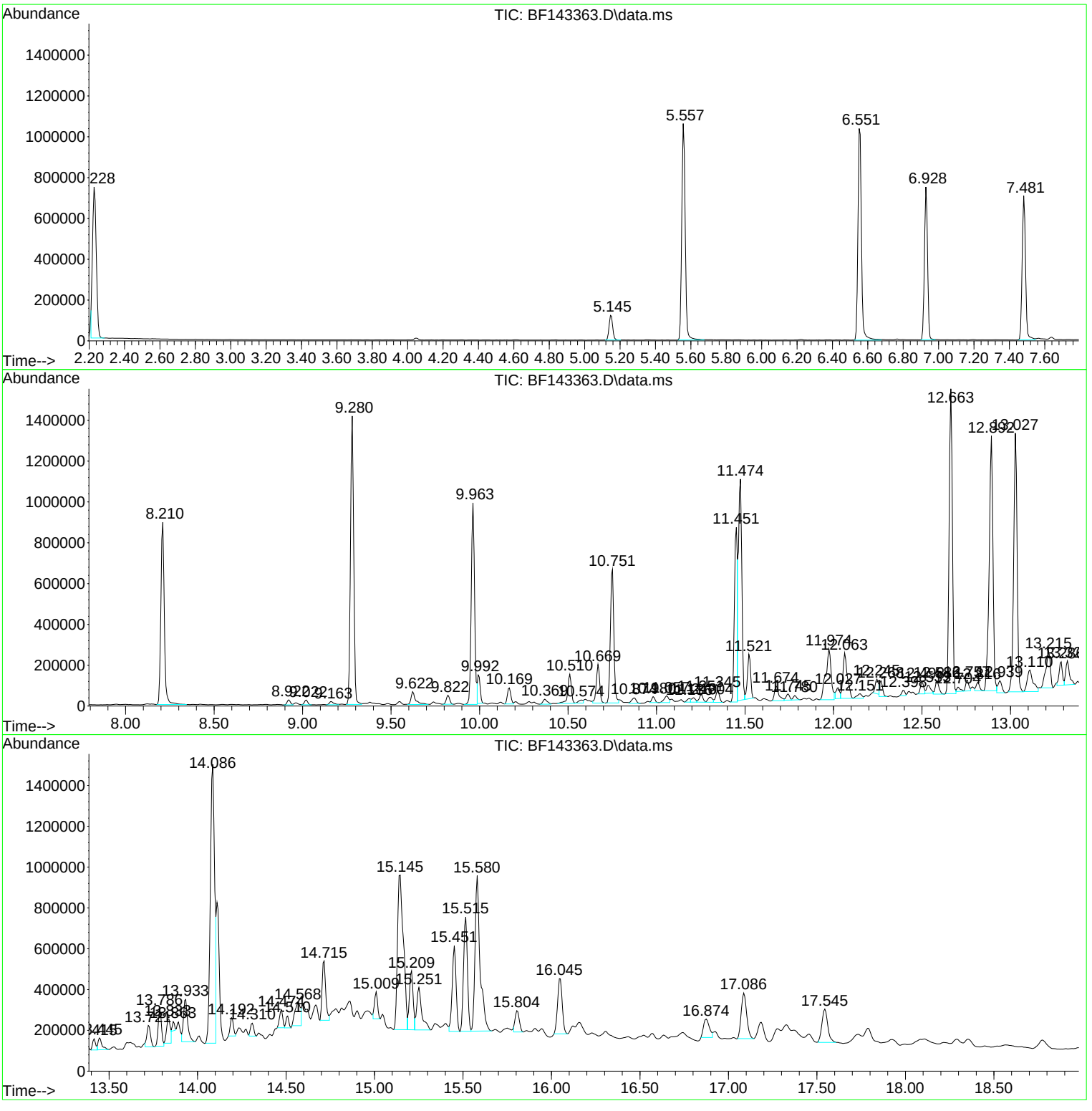
Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

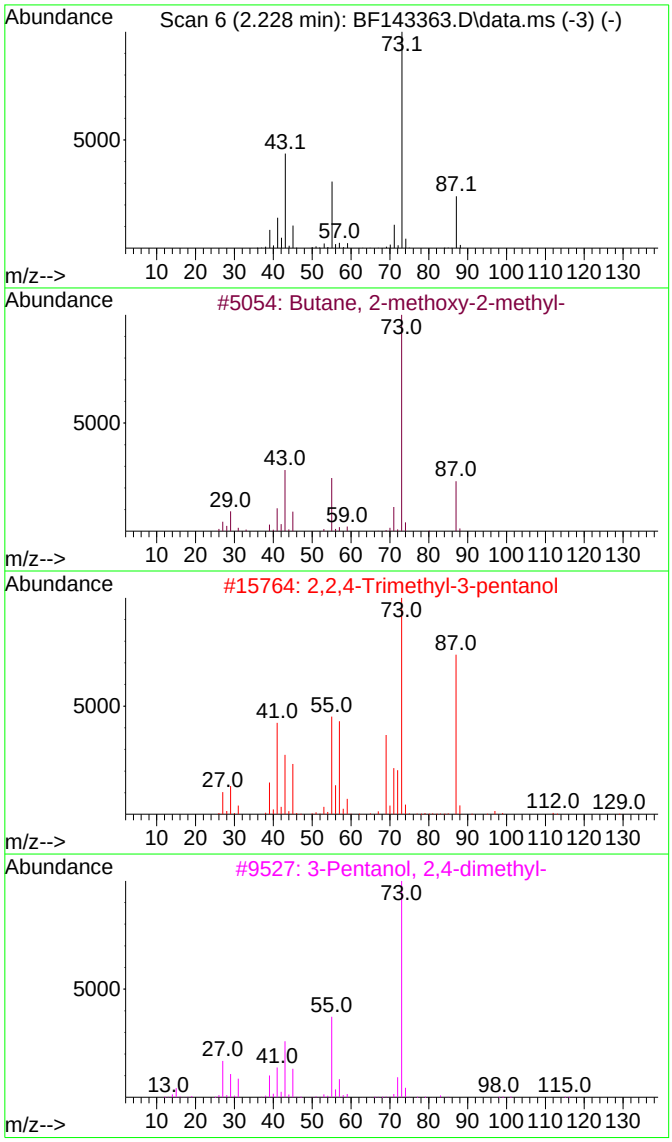
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

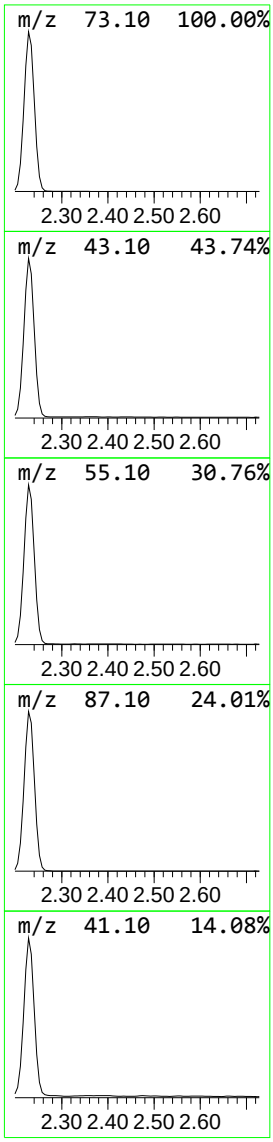
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	23.57 ng	1084940	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

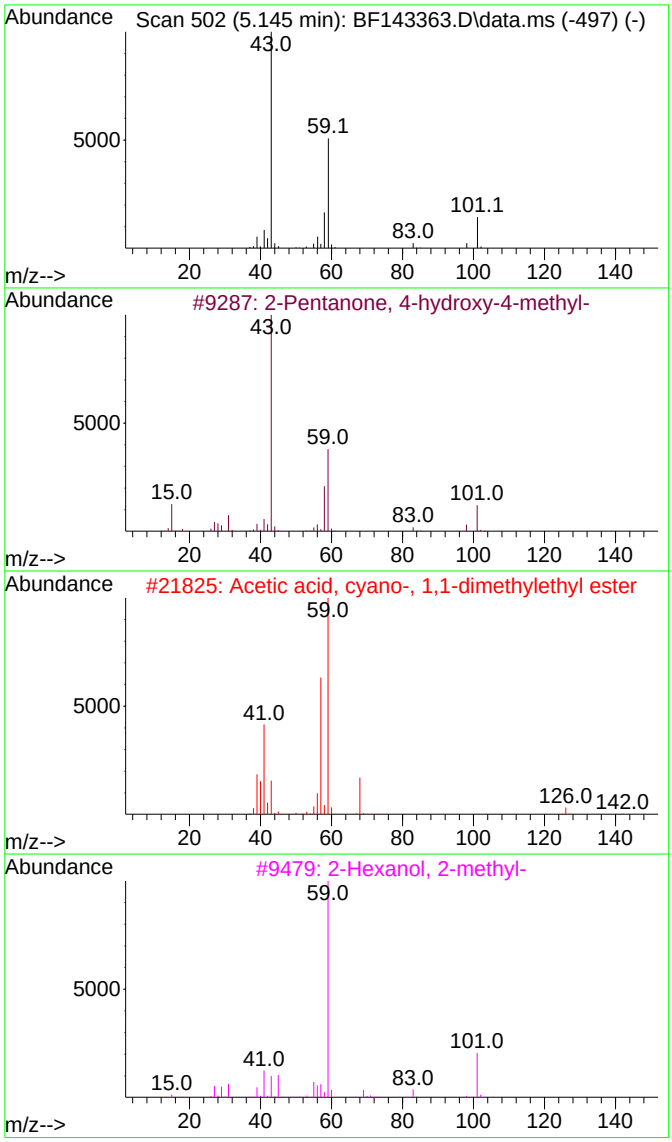
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

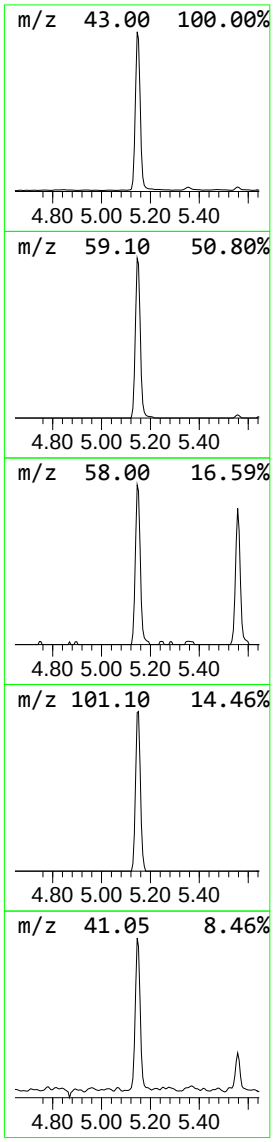
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.145	3.68 ng	169335	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
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Instrument :
BNA_F
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VNJ-238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

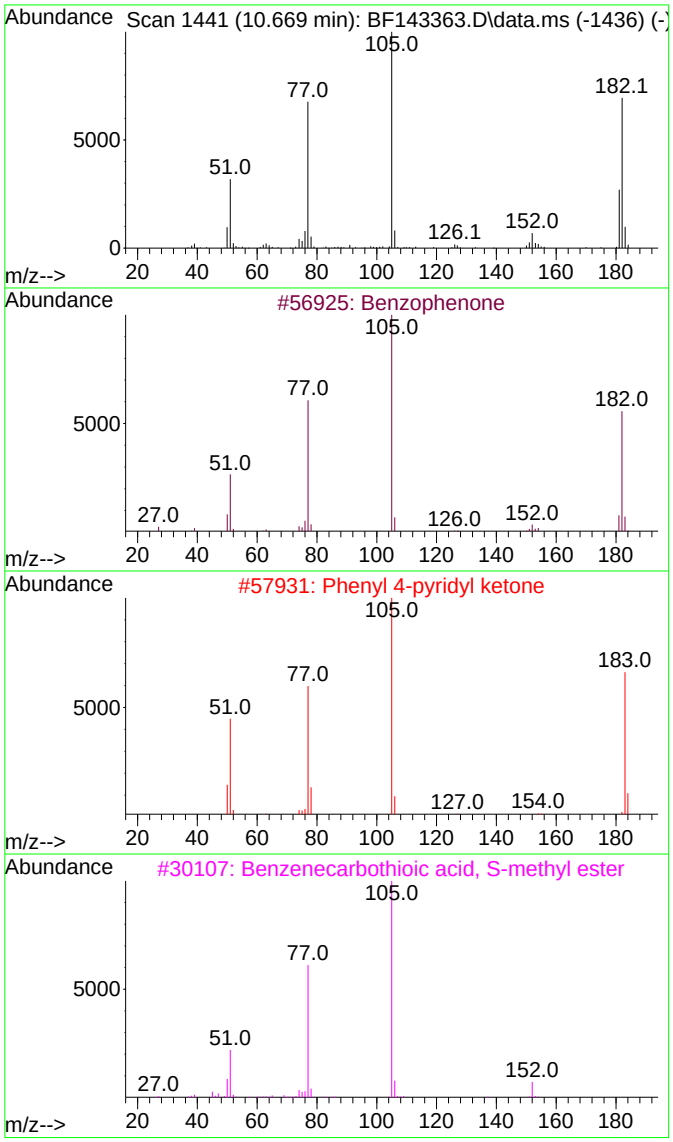
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

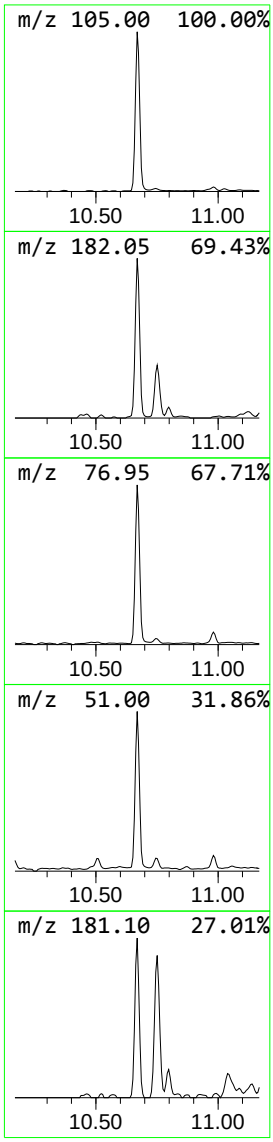
****

Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	3.86 ng	248164	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	60
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Benzoylformic acid	150	C8H6O3	000611-73-4	45
5	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

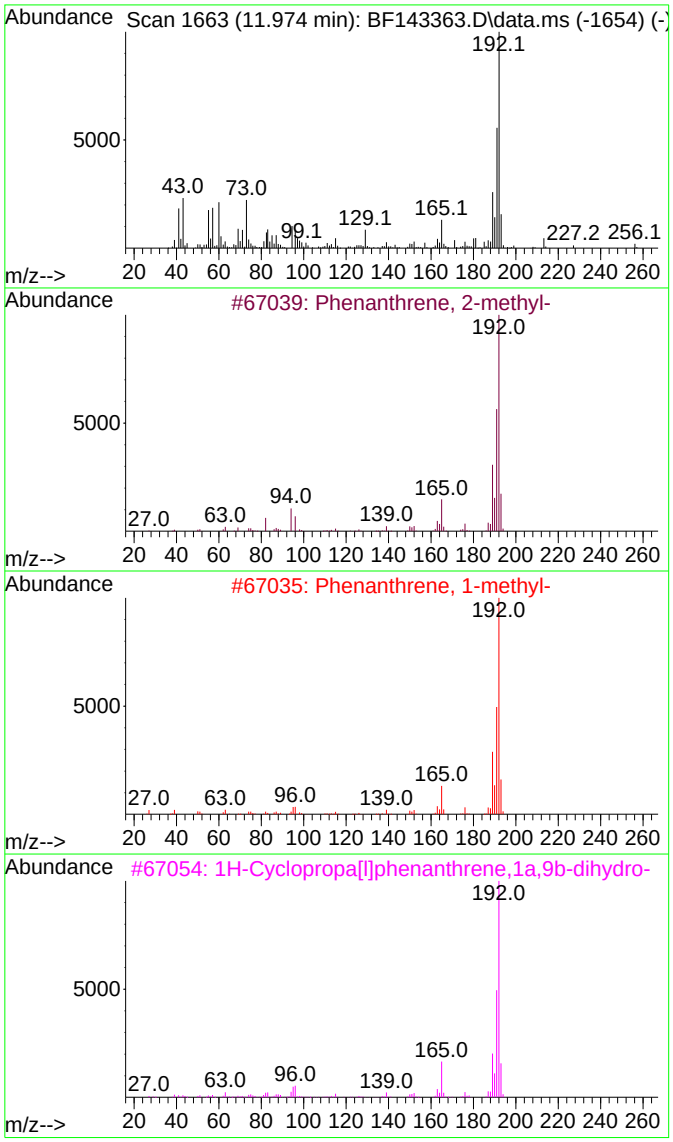
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

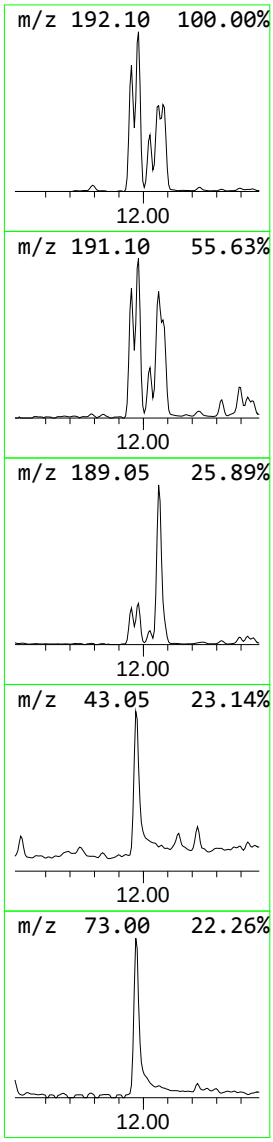
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	9.99 ng	524935	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

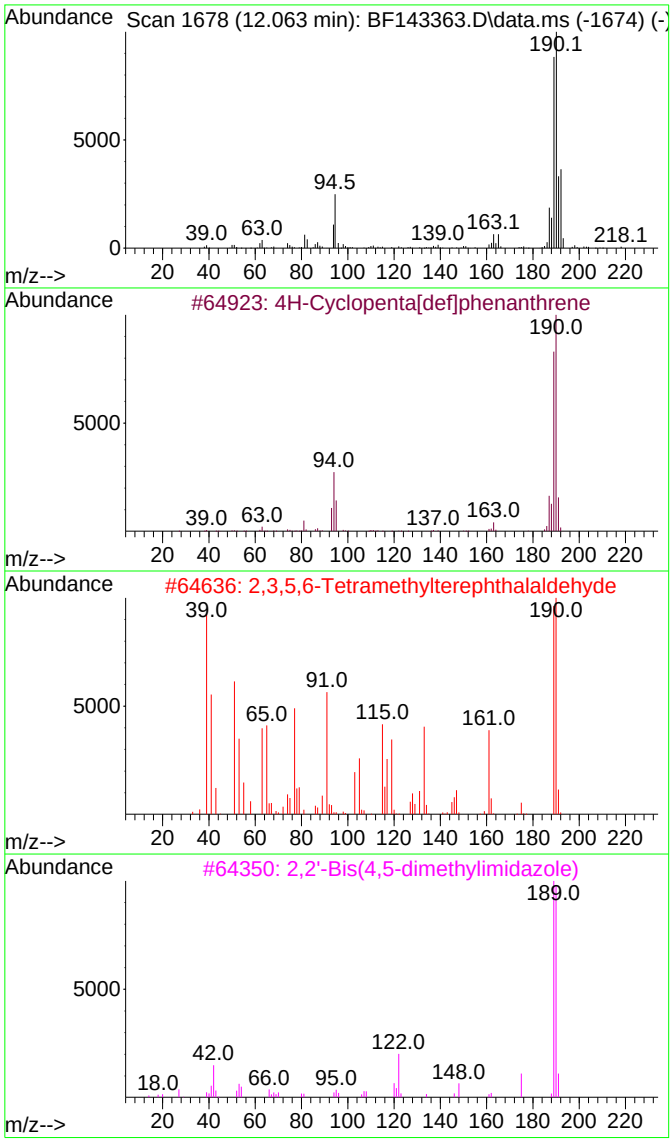
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

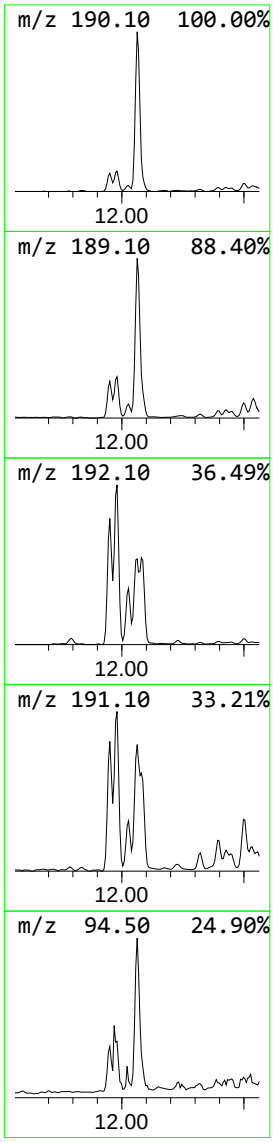
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	7.29 ng	382985	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

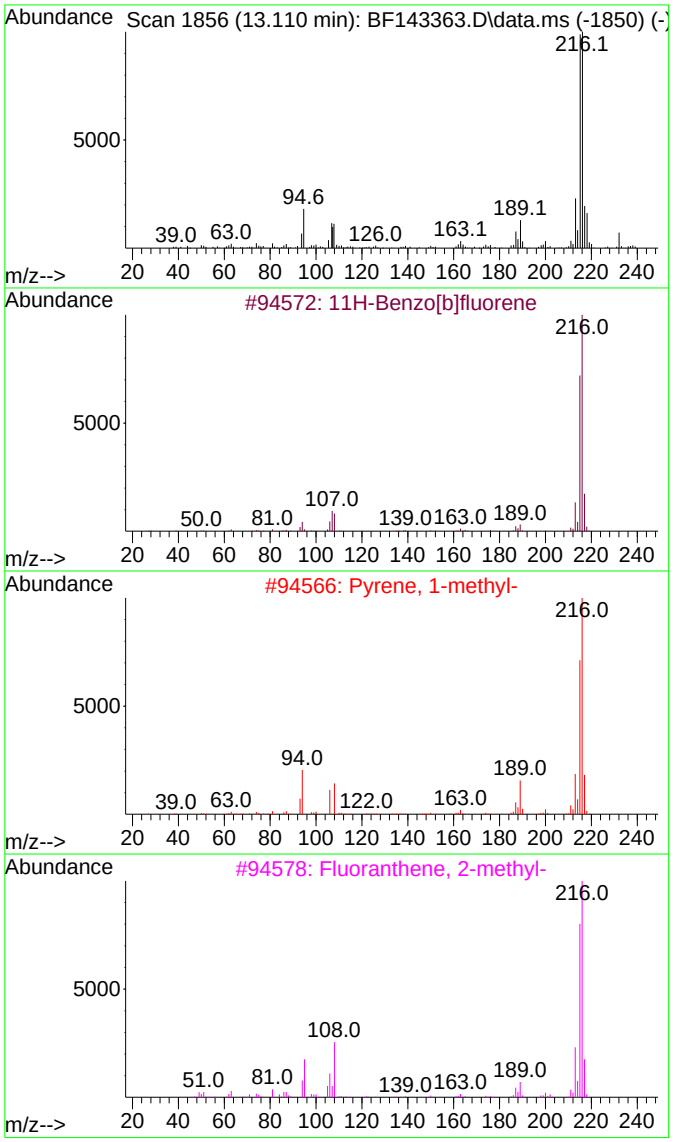
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

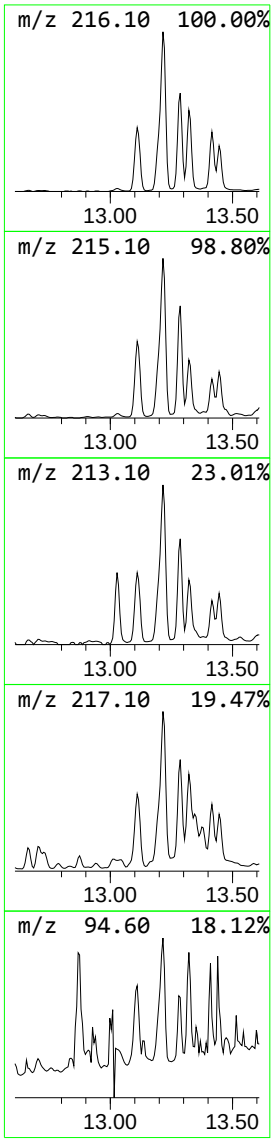
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.02 ng	243435	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-238

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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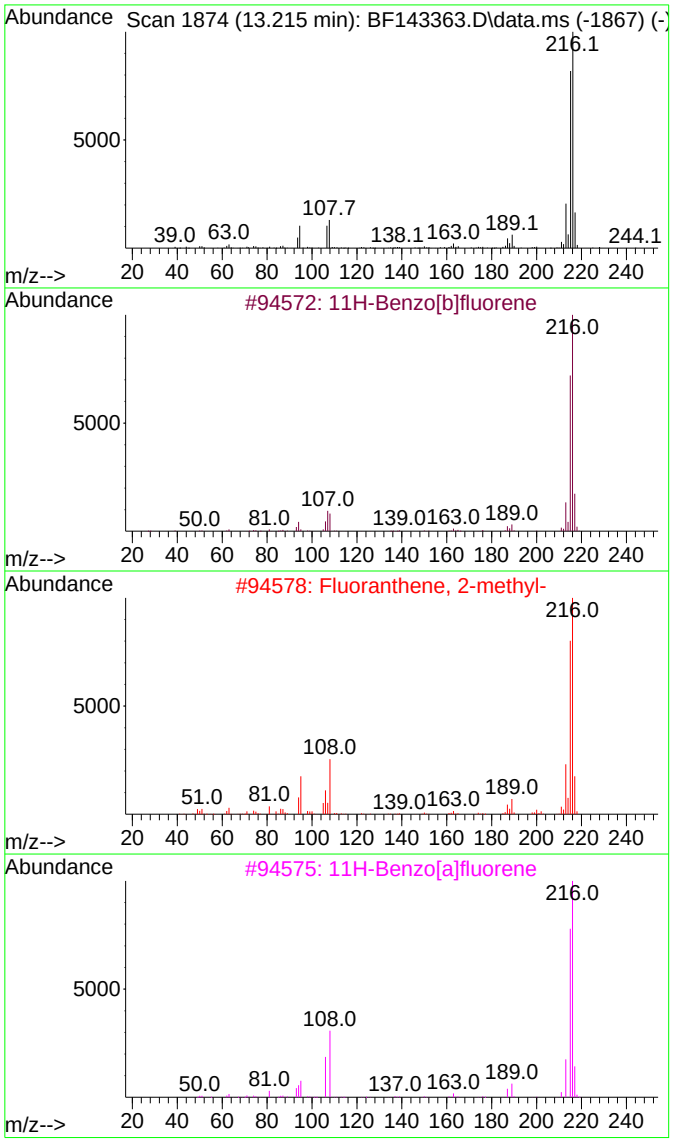
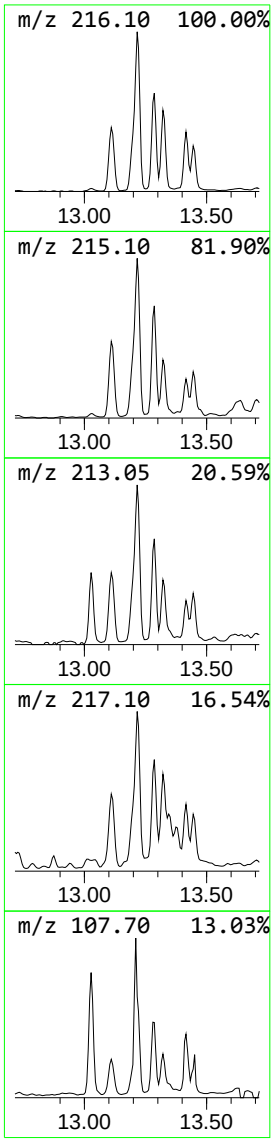
Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	2.56 ng	308213	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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

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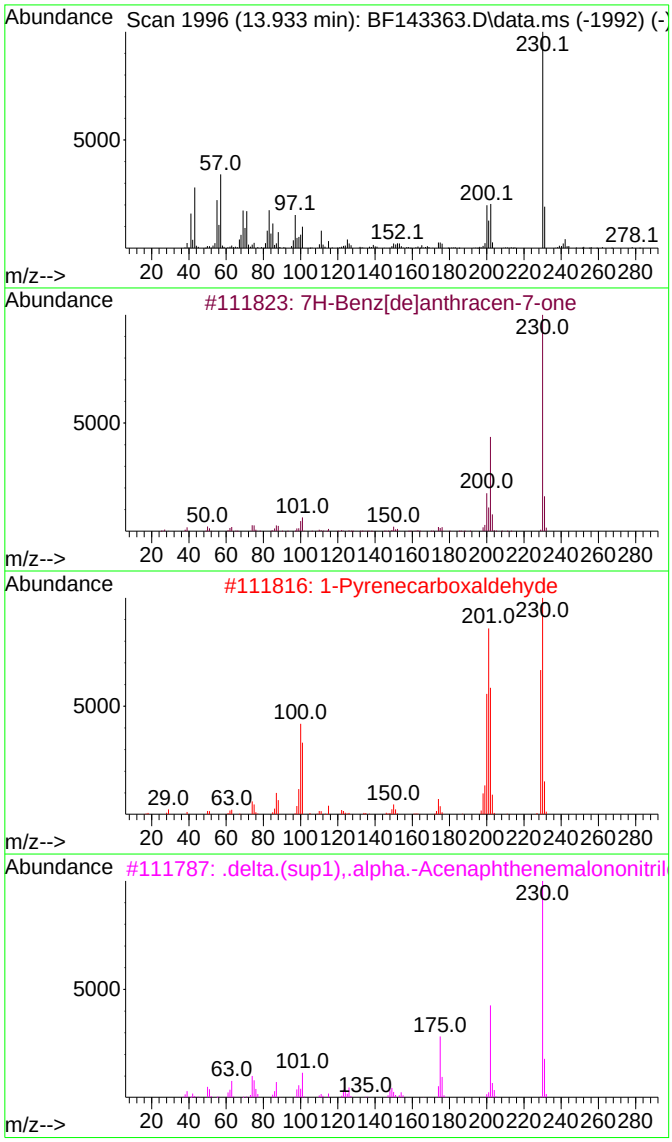
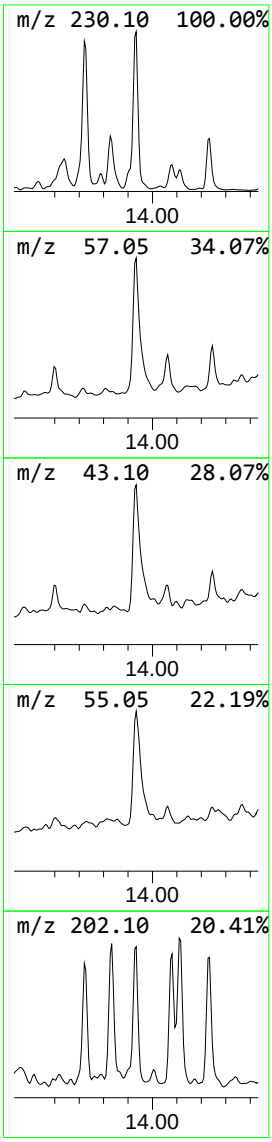
Peak Number 8 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.83 ng	341219	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53
4	p-Terphenyl	230	C18H14	000092-94-4	47
5	m-Terphenyl	230	C18H14	000092-06-8	47





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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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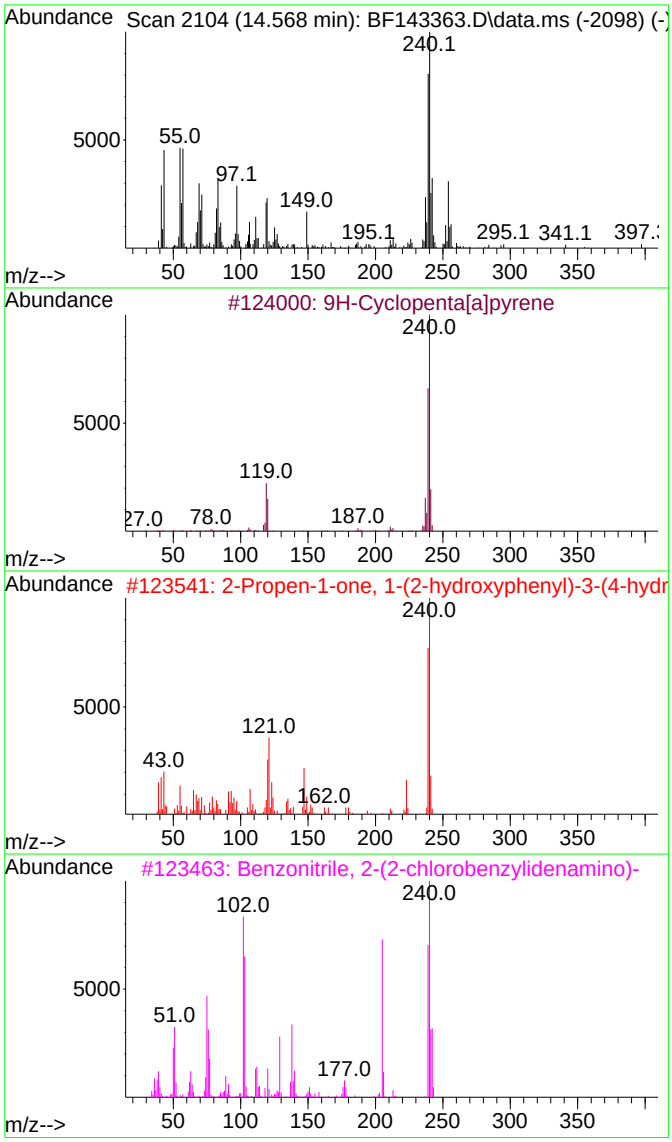
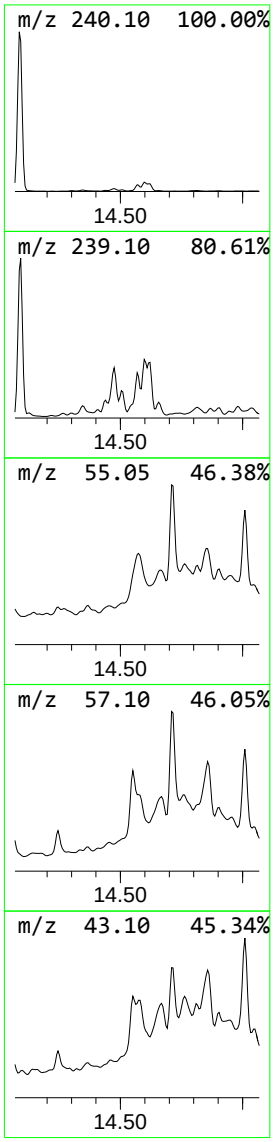
Peak Number 9 9H-Cyclopenta[a]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	2.17 ng	261081	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	70
2	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	47
3	Benzonitrile, 2-(2-chlorobenzyli...	240	C14H9ClN2	104830-19-5	47
4	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	46
5	Benzonitrile, 2-(3-chlorobenzyli...	240	C14H9ClN2	315670-35-0	43





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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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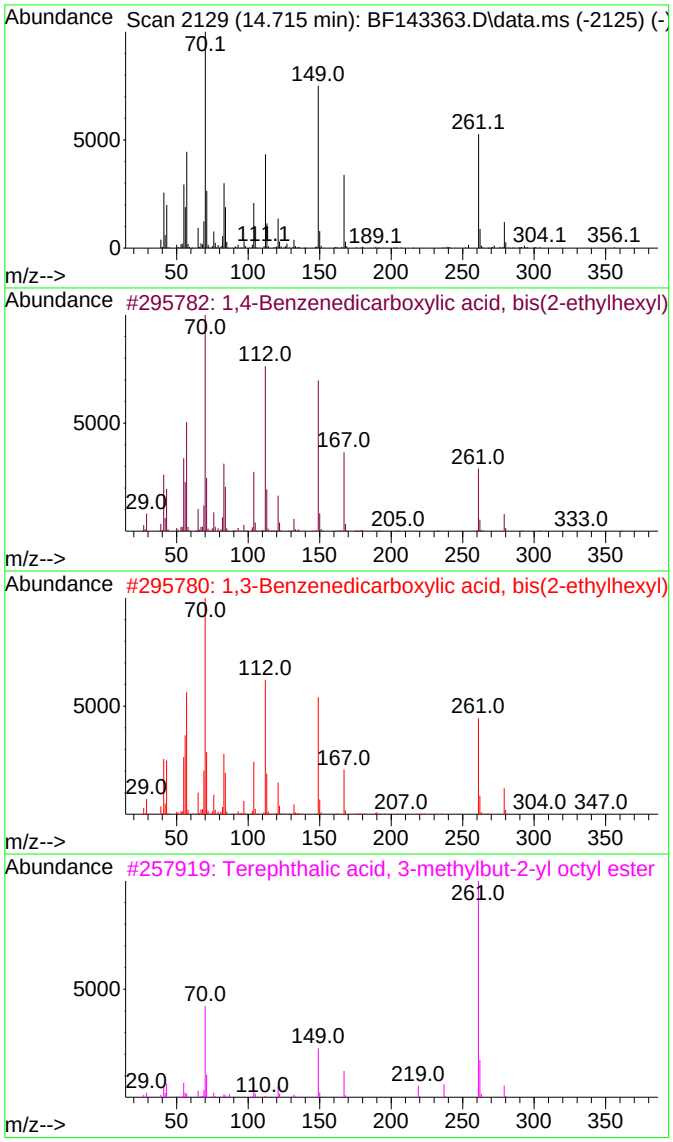
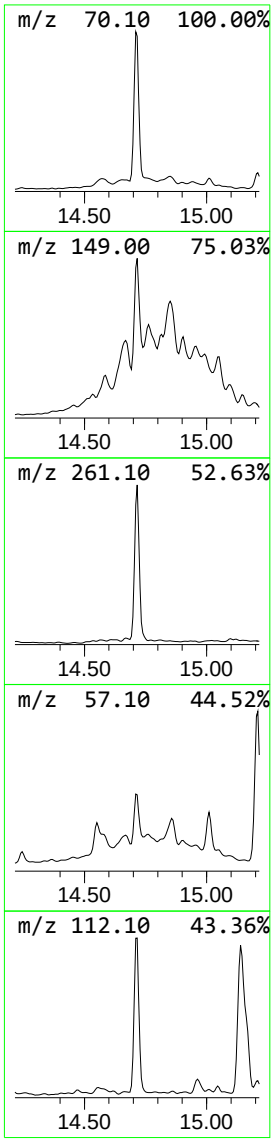
Peak Number 10 1,4-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.715	3.45 ng	414896	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	76
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	46
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	46
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	35
5	Terephthalic acid, octyl 2-penty...	348	C21H32O4	1000323-55-2	27





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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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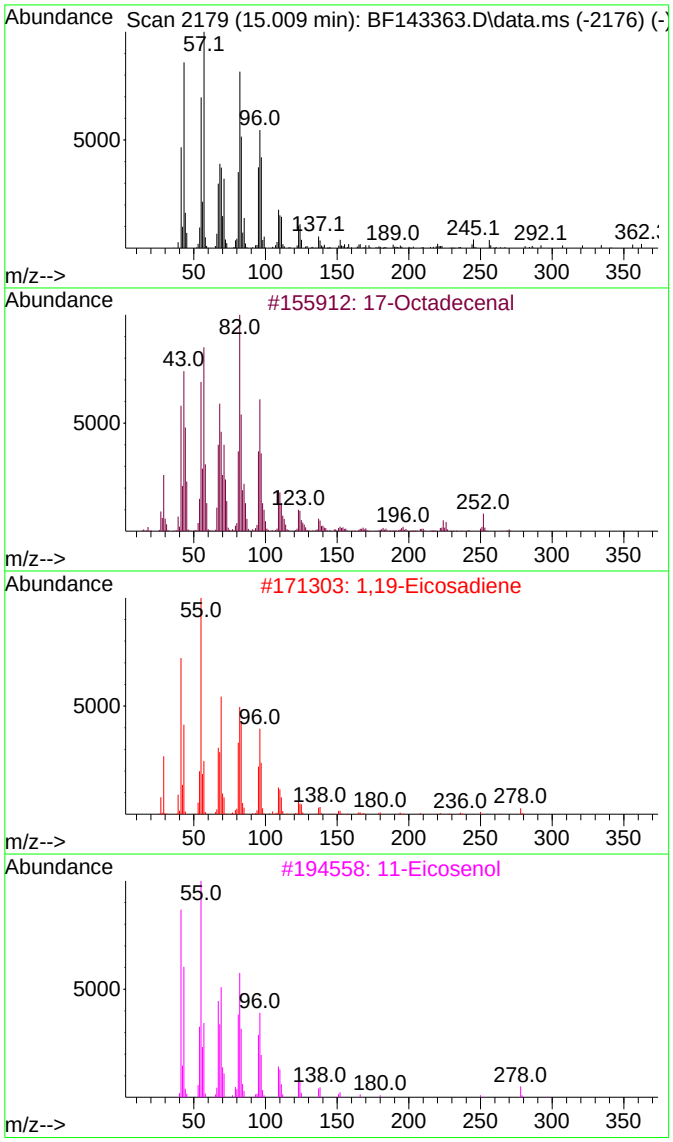
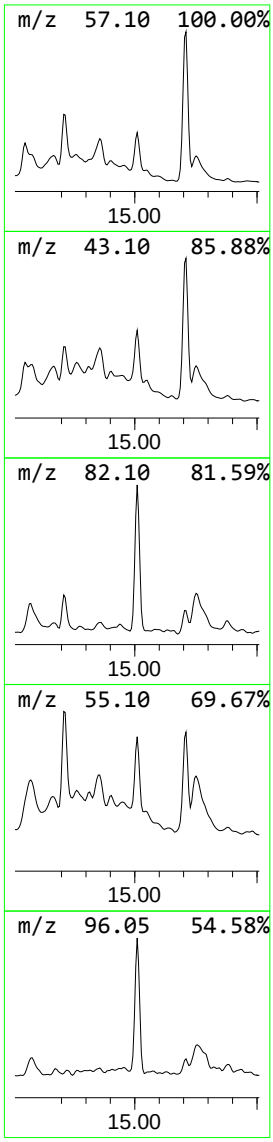
Peak Number 11 17-Octadecenal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.009	2.08 ng	156769	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Octadecenal	266	C18H34O	056554-86-0	90
2	1,19-Eicosadiene	278	C20H38	014811-95-1	86
3	11-Eicosenol	296	C20H40O	1010424-20-3	86
4	16-Heptadecenal	252	C17H32O	1010144-57-9	86
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	83





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

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

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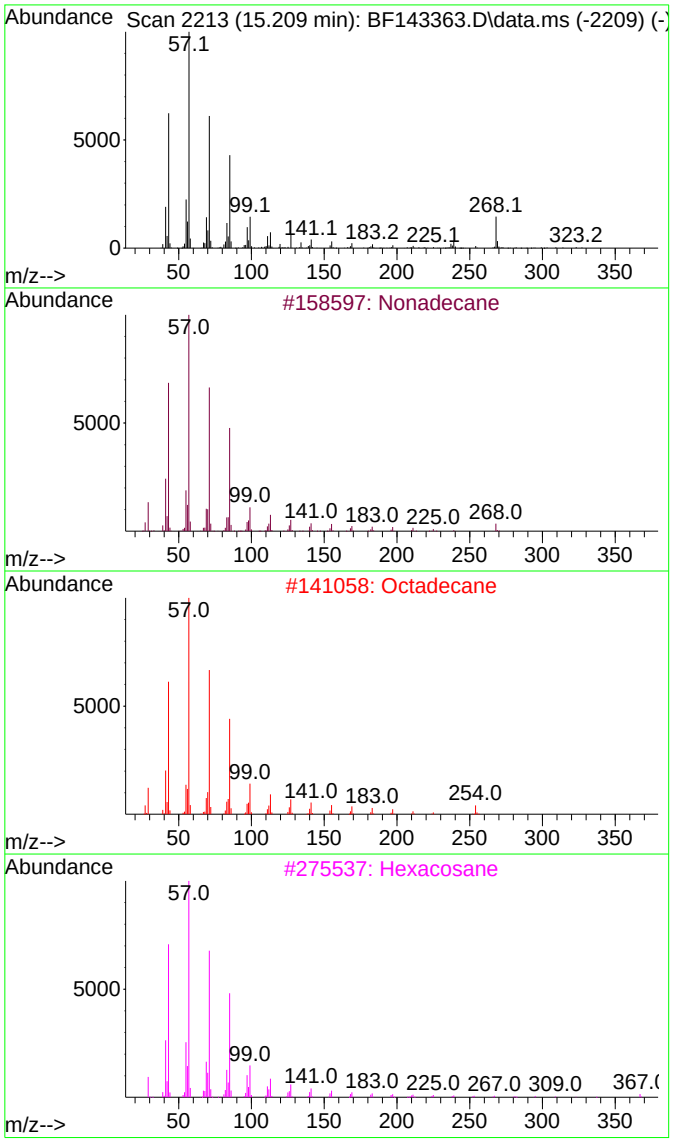
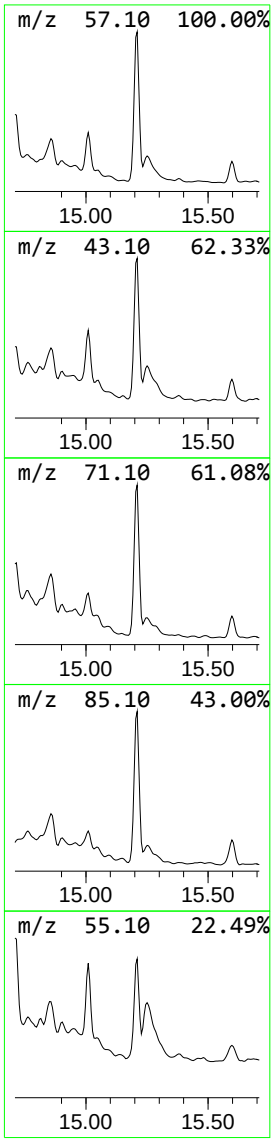
Peak Number 12 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	5.65 ng	426930	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Octacosane	394	C28H58	000630-02-4	90





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Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

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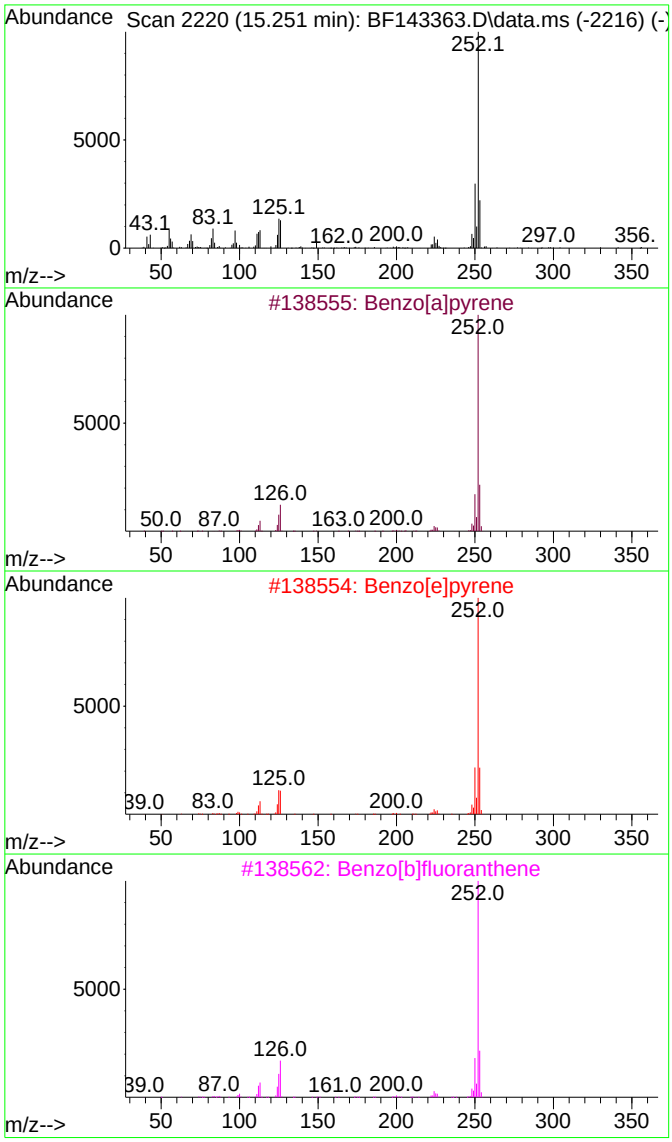
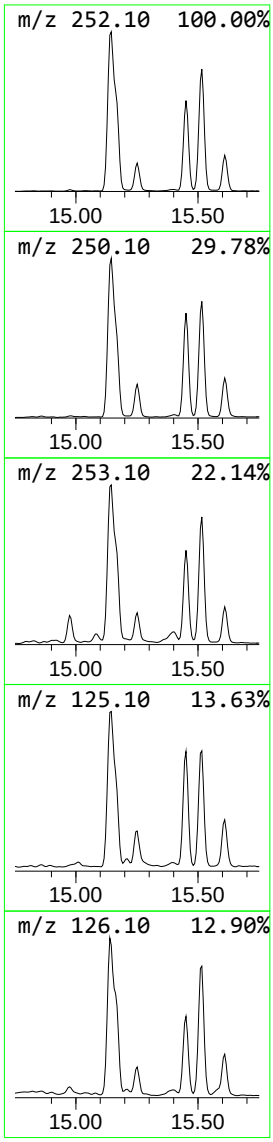
Peak Number 13 Benzo[a]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	5.45 ng	411462	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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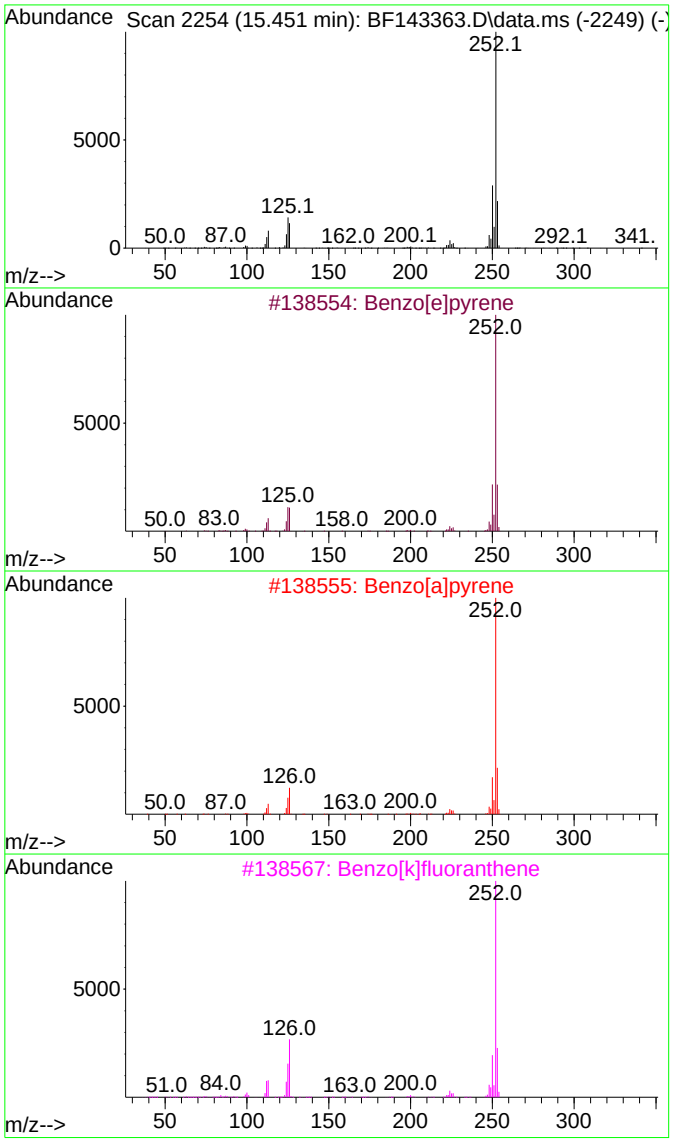
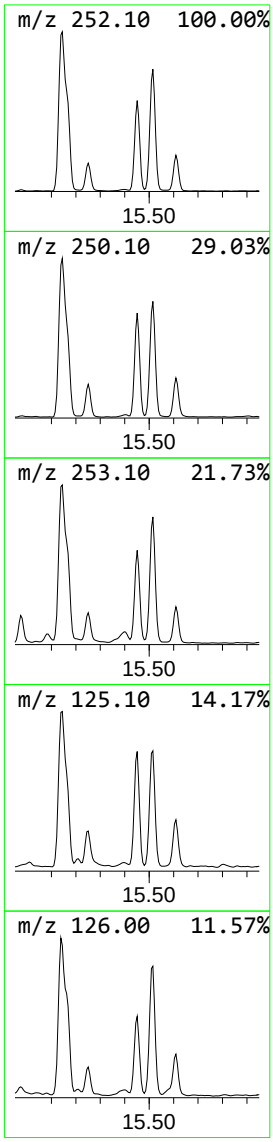
Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	8.41 ng	635422	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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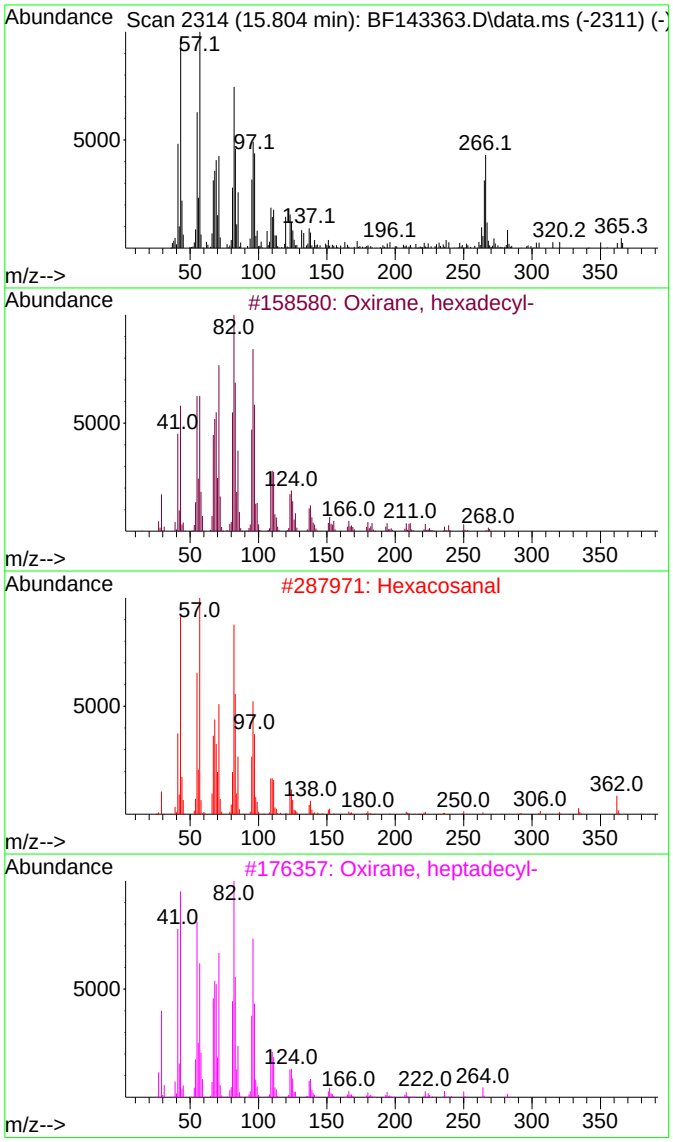
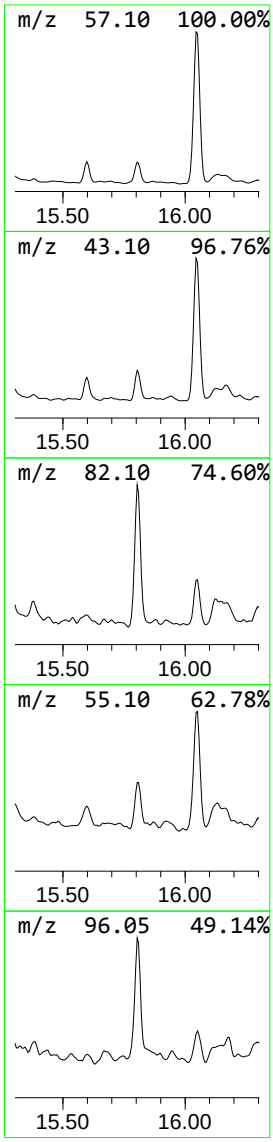
Peak Number 15 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	2.26 ng	170661	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Hexacosanal	380	C26H52O	026627-85-0	70
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	70
4	Eicosanal-	296	C20H40O	002400-66-0	70
5	Octadecanal	268	C18H36O	000638-66-4	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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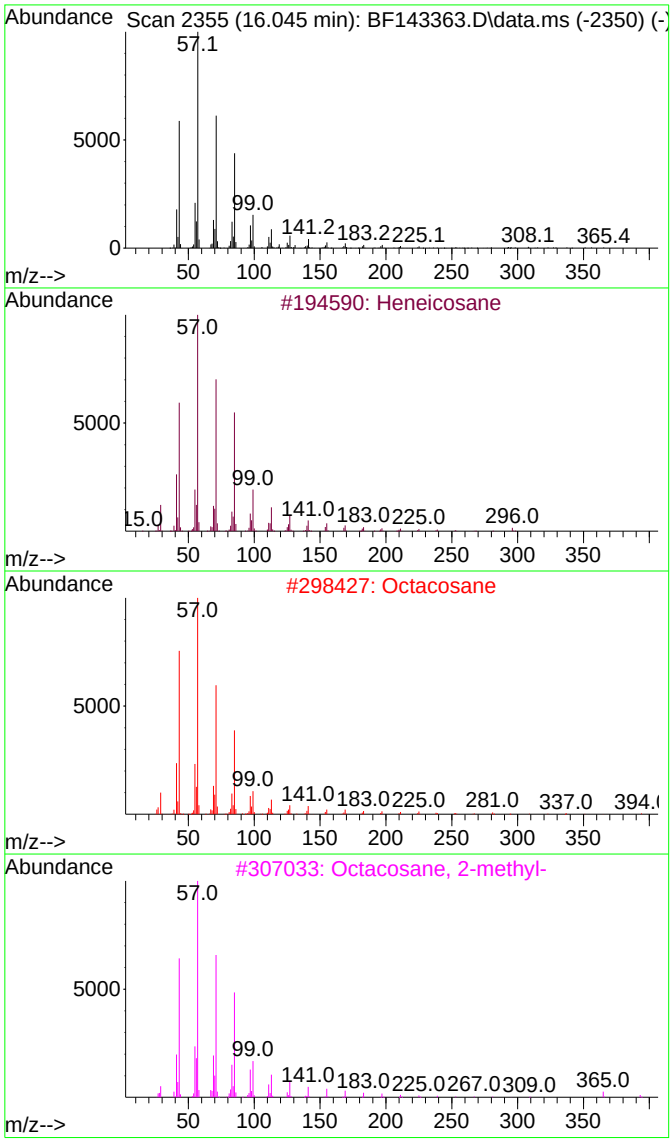
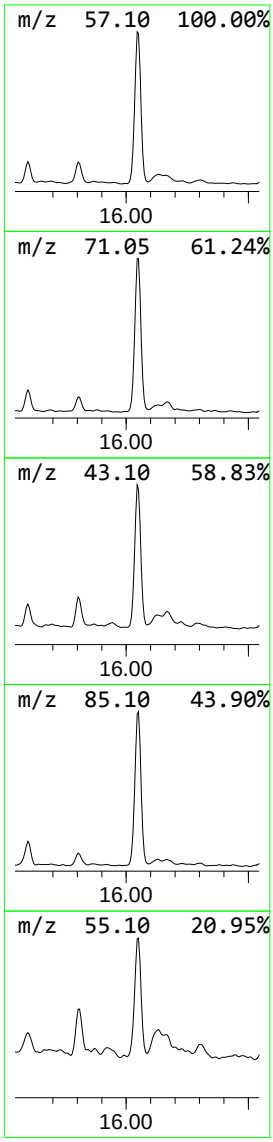
Peak Number 16 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	6.46 ng	487533	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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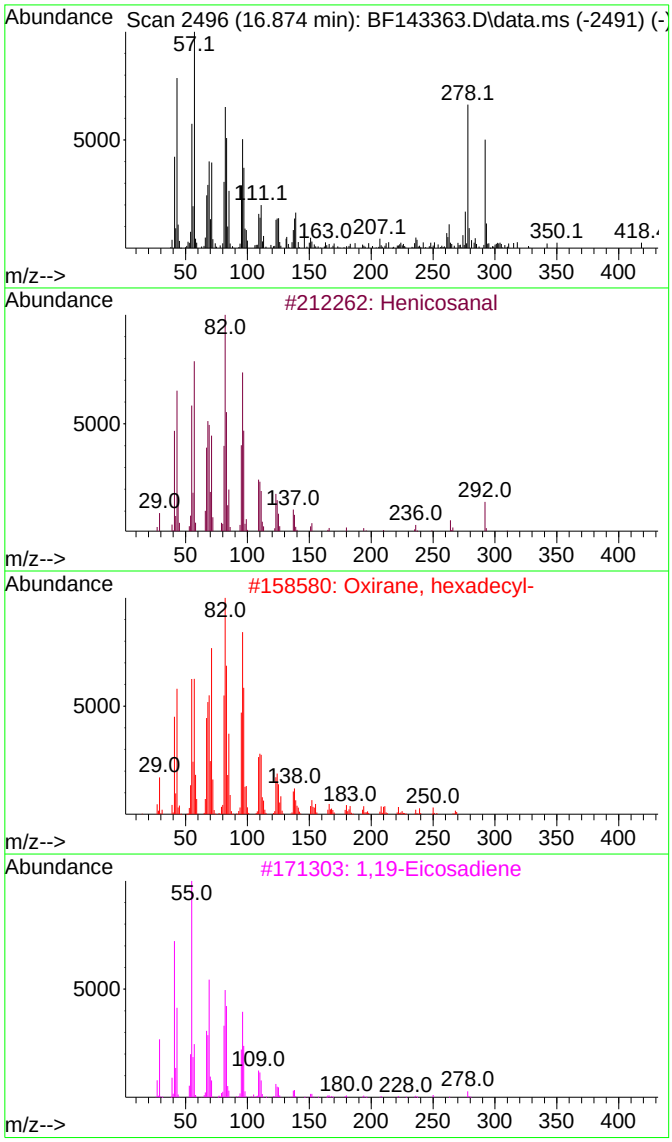
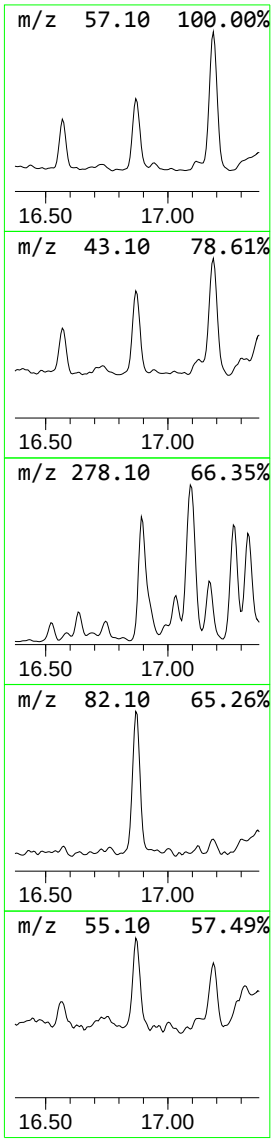
Peak Number 17 Henicosanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.874	2.78 ng	209832	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Henicosanal	310	C21H42O	051227-32-8	53
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	46
3	1,19-Eicosadiene	278	C20H38	014811-95-1	41
4	1,15-Hexadecadiene	222	C16H30	021964-51-2	38
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	38





Tentatively Identified Compound (LSC) summary

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Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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
Butane, 2-metho...	2.228	23.6	ng	1084940	1	6.928	920481	20.0
2-Pentanone, 4-...	5.145	3.7	ng	169335	1	6.928	920481	20.0
Benzophenone	10.669	3.9	ng	248164	3	9.963	1284350	20.0
Phenanthrene, 2...	11.974	10.0	ng	524935	4	11.451	1050520	20.0
4H-Cyclopenta[d...	12.063	7.3	ng	382985	4	11.451	1050520	20.0
11H-Benzo[b]flu...	13.110	2.0	ng	243435	5	14.086	2408650	20.0
Fluoranthene, 2...	13.216	2.6	ng	308213	5	14.086	2408650	20.0
7H-Benz[de]anth...	13.933	2.8	ng	341219	5	14.086	2408650	20.0
9H-Cyclopenta[a...	14.568	2.2	ng	261081	5	14.086	2408650	20.0
1,4-Benzenedica...	14.715	3.5	ng	414896	5	14.086	2408650	20.0
17-Octadecenal	15.009	2.1	ng	156769	6	15.580	1510370	20.0
Nonadecane	15.210	5.7	ng	426930	6	15.580	1510370	20.0
Benzo[a]pyrene	15.251	5.5	ng	411462	6	15.580	1510370	20.0
Benzo[e]pyrene	15.451	8.4	ng	635422	6	15.580	1510370	20.0
Oxirane, hexade...	15.804	2.3	ng	170661	6	15.580	1510370	20.0
Heneicosane	16.045	6.5	ng	487533	6	15.580	1510370	20.0
Henicosanal	16.874	2.8	ng	209832	6	15.580	1510370	20.0