LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-251

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143249.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	11	19	26	rVB	727814	1158466	51.81%	5.886%
2	5.198	503	511	519	rBV	157654	247356	11.06%	1.257%
3	5.592	572	578	584	rBV	1559059	2122174	94.91%	10.783%
4	6.587	740	747	752	rBV	1590278	2163269	96.75%	10.992%
5	6.963	805	811	816	rBV	471234	582232	26.04%	2.958%
6	7.516	899	905	910	rBV	1103388	1436367	64.24%	7.298%
7	7.763	943	947	953	rVB	23535	28535	1.28%	0.145%
8	8.239	1023	1028	1036	rBV	578176	729460	32.62%	3.707%
9	8.445	1059	1063	1068	rBV	19914	24658	1.10%	0.125%
10	9.316	1205	1211	1216	rBV	1795641	2235904	100.00%	11.361%
11	9.998	1318	1327	1331	rBV	548818	687461	30.75%	3.493%
12	10.027	1331	1332	1340	rVB	28121	24272	1.09%	0.123%
13	10.198	1356	1361	1365	rBV	19619	24855	1.11%	0.126%
14	10.404	1389	1396	1403	rBV2	18698	32764	1.47%	0.166%
15	10.545	1415	1420	1425	rVB	21538	29676	1.33%	0.151%
16	10.704	1441	1447	1455	rVB	260571	330280	14.77%	1.678%
17	10.786	1455	1461	1466	rBV	885117	1156860	51.74%	5.878%
18	11.486	1575	1580	1582	rBV	429751	605229	27.07%	3.075%
19	11.557	1588	1592	1596	rVB	39136	46599	2.08%	0.237%
20	11.710	1614	1618	1626	rBV2	12532	27134	1.21%	0.138%
21	12.004	1660	1668	1676	rBV3	284688	507797	22.71%	2.580%
22	12.098	1680	1684	1692	rVB2	53297	105543	4.72%	0.536%
23	12.280	1711	1715	1717	rBV	19234	25854	1.16%	0.131%
24	12.616	1769	1772	1780	rVB2	19510	29958	1.34%	0.152%
25	12.698	1781	1786	1791	rBV	300487	377841	16.90%	1.920%
26	12.786	1791	1801	1809	rBV5	54421	106014	4.74%	0.539%
27	12.927	1818	1825	1830	rVB	248151	358472	16.03%	1.821%
28	13.068	1841	1849	1857	rVB	1154047	1515855	67.80%	7.702%
29	13.145	1857	1862	1869	rBV4	21910	45763	2.05%	0.233%
30	13.251	1869	1880	1884	rBV3	32319	69251	3.10%	0.352%
31	13.321	1884	1892	1895	rBV4	15751	29723	1.33%	0.151%
32	13.357	1895	1898	1905	rVB3	26621	38243	1.71%	0.194%
33	13.757	1962	1966	1971	rBV	28674	41057	1.84%	0.209%
34	13.874	1980	1986	1989	rBV2	31062	57135	2.56%	0.290%
35	13.968	1998	2002	2012	rVB2	77002	137414	6.15%	0.698%
36	14.121	2020	2028	2040	rBV2	494928	940531	42.06%	4.779%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.227	2040	2046	2050	rBV2	16159	36834	1.65%	0.187%
38	14.510	2090	2094	2097	rBV	23483	33045	1.48%	0.168%
39	14.592	2105	2108	2112	rBV4	18399	32286	1.44%	0.164%
40	14.757	2132	2136	2140	rVB2	28395	39115	1.75%	0.199%
41	14.998	2174	2177	2181	rBV3	17411	28570	1.28%	0.145%
42	15.186	2204	2209	2218	rBV	131233	301001	13.46%	1.529%
43	15.298	2225	2228	2232	rVB2	23229	28542	1.28%	0.145%
44	15.498	2258	2262	2268	rBV	68837	109549	4.90%	0.557%
45	15.562	2269	2273	2279	rVB	103025	152975	6.84%	0.777%
46	15.633	2279	2285	2297	rBV	384286	663173	29.66%	3.370%
47	17.162	2540	2545	2555	rVB2	46449	101660	4.55%	0.517%
48	17.621	2619	2623	2636	rVB	32226	73806	3.30%	0.375%

Sum of corrected areas: 19680558

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
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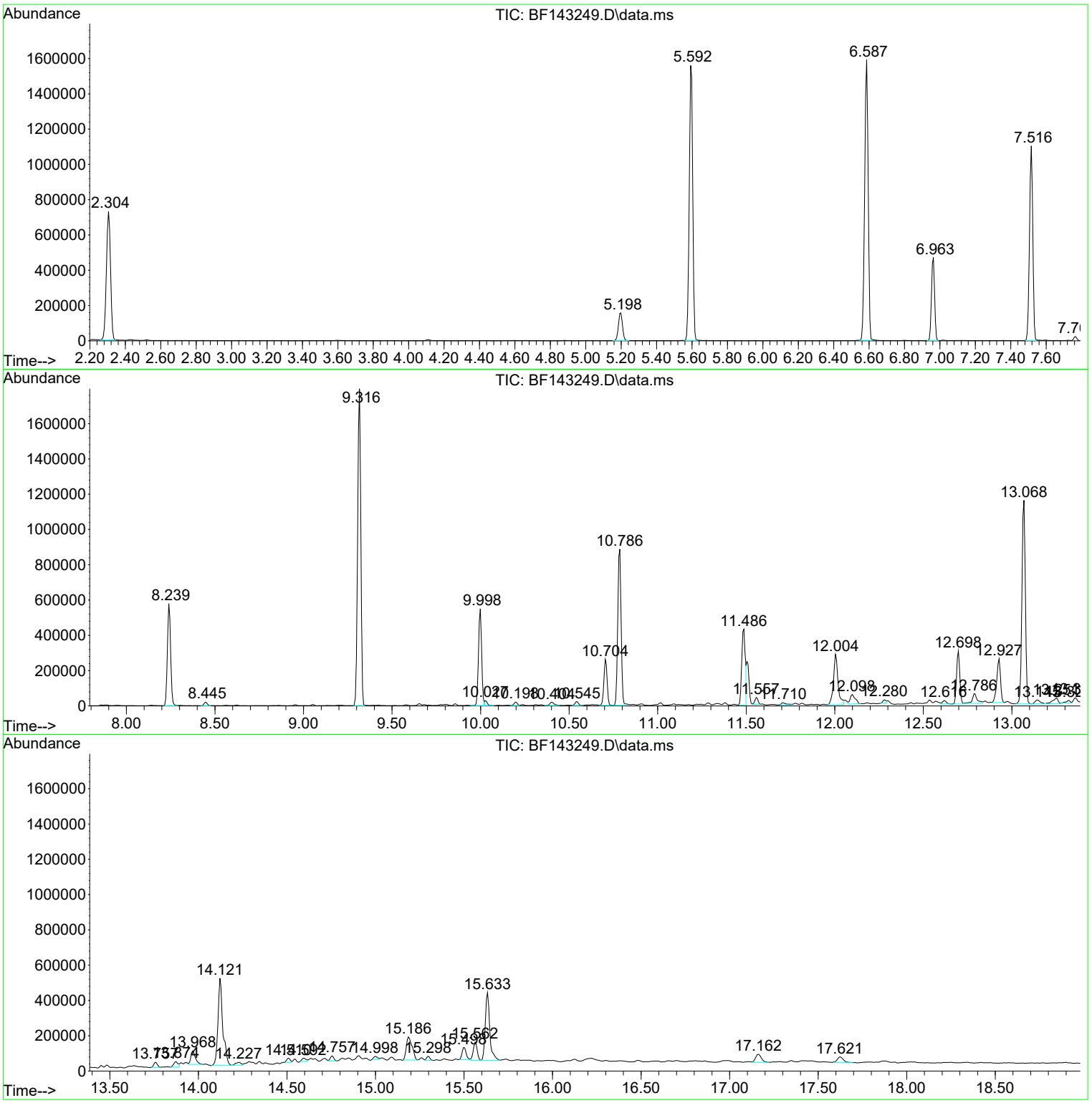
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

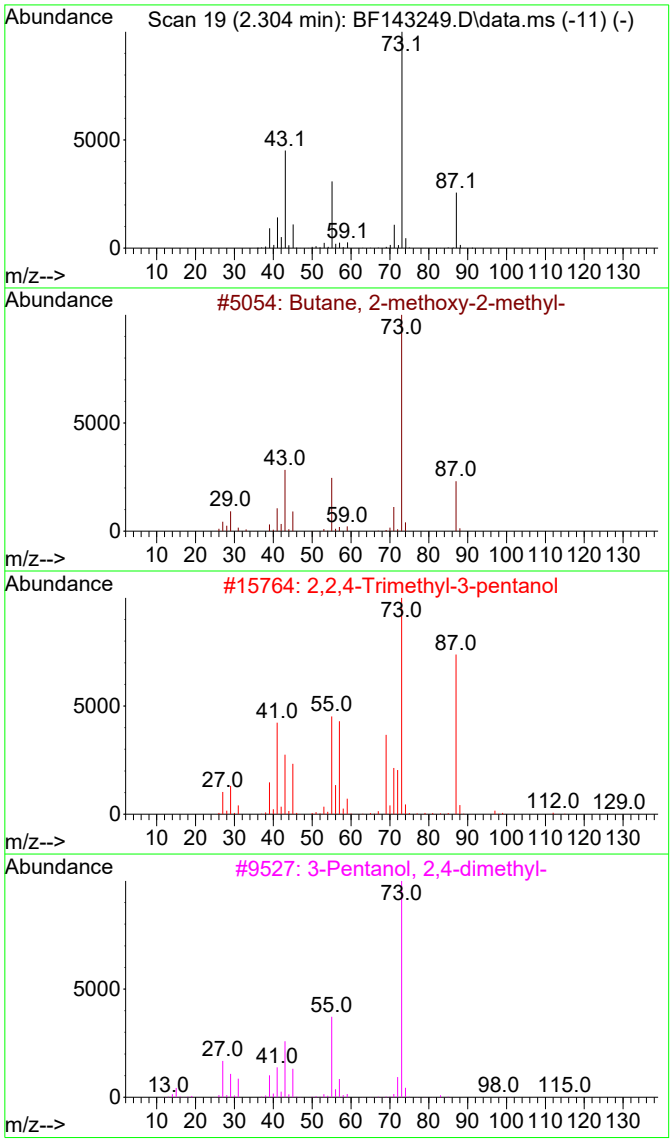
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

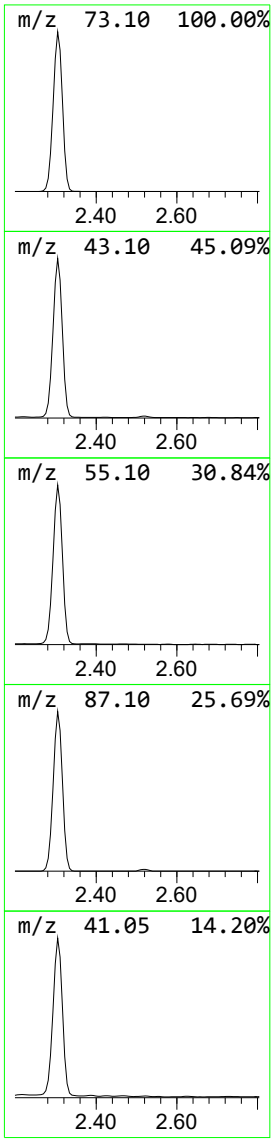
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.304	39.79 ng	1158470	1,4-Dichlorobenzene-d4	6.963

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

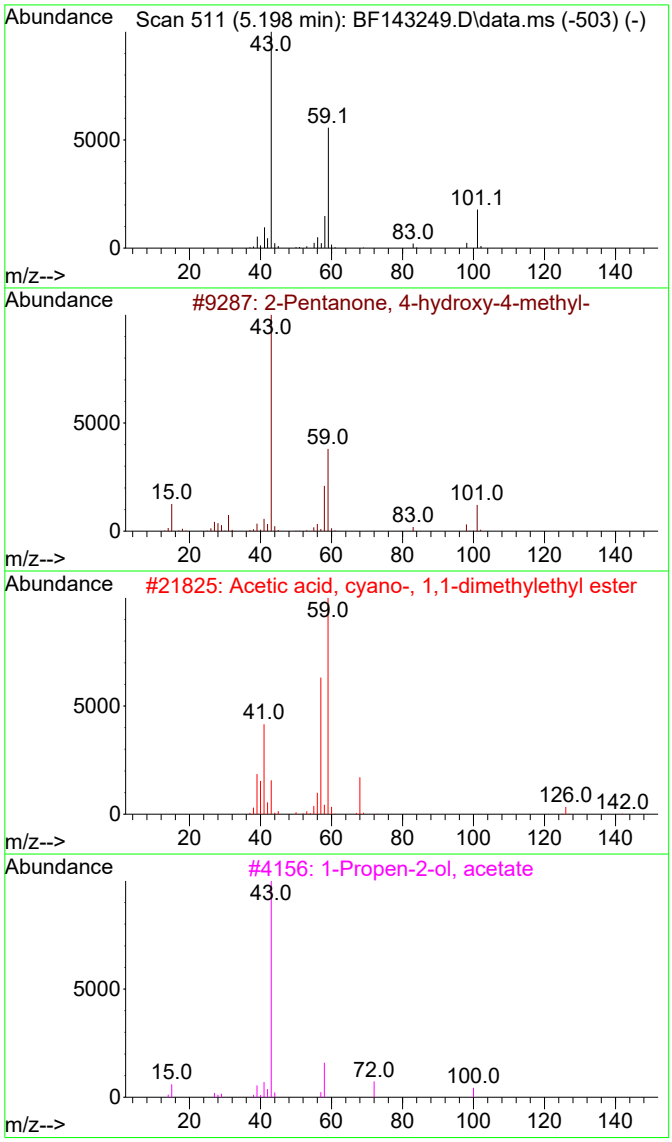
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

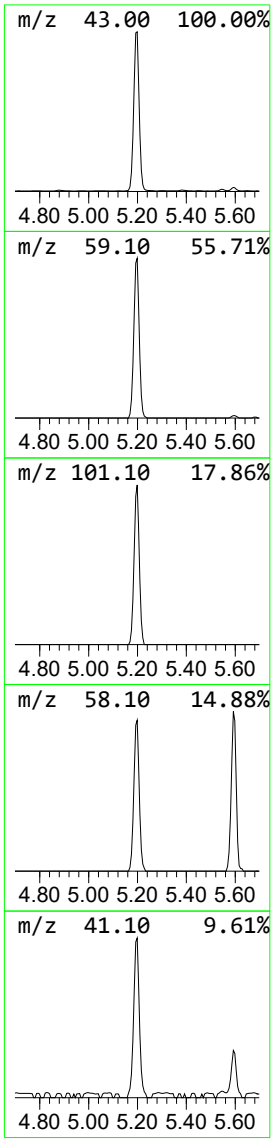
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	8.50 ng	247356	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

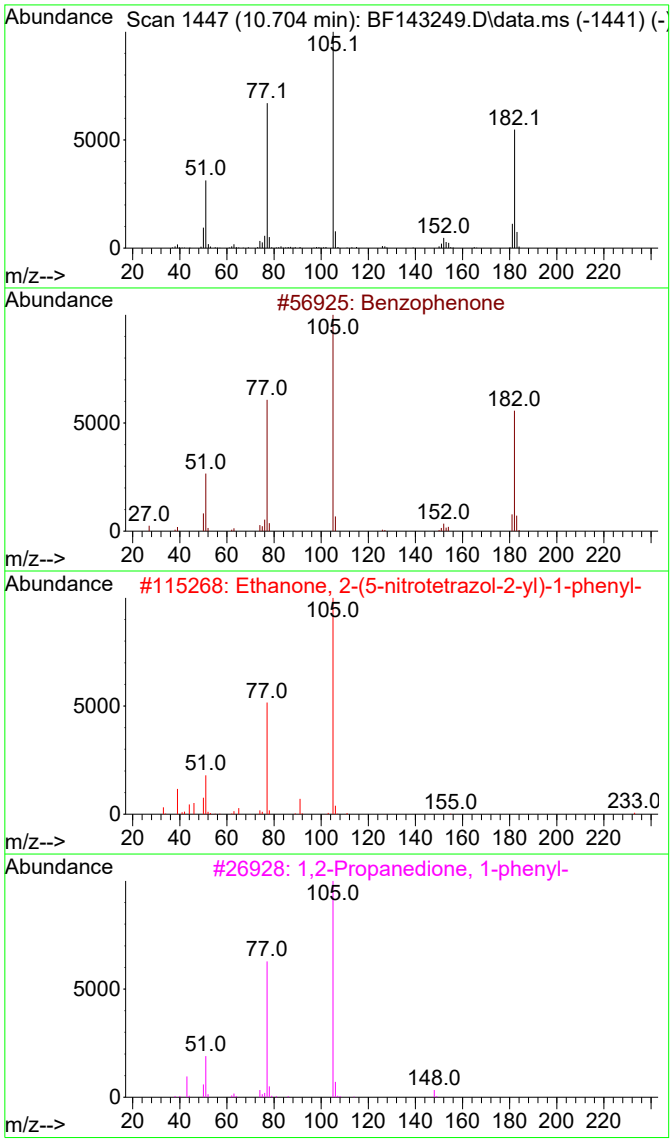
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

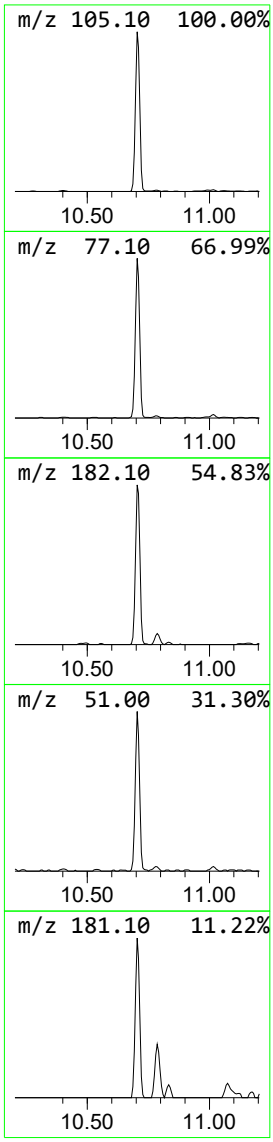
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	9.61 ng	330280	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Ethanone, 2-(5-nitrotetrazol-2-y...	233	C9H7N5O3	1000310-77-2	47
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

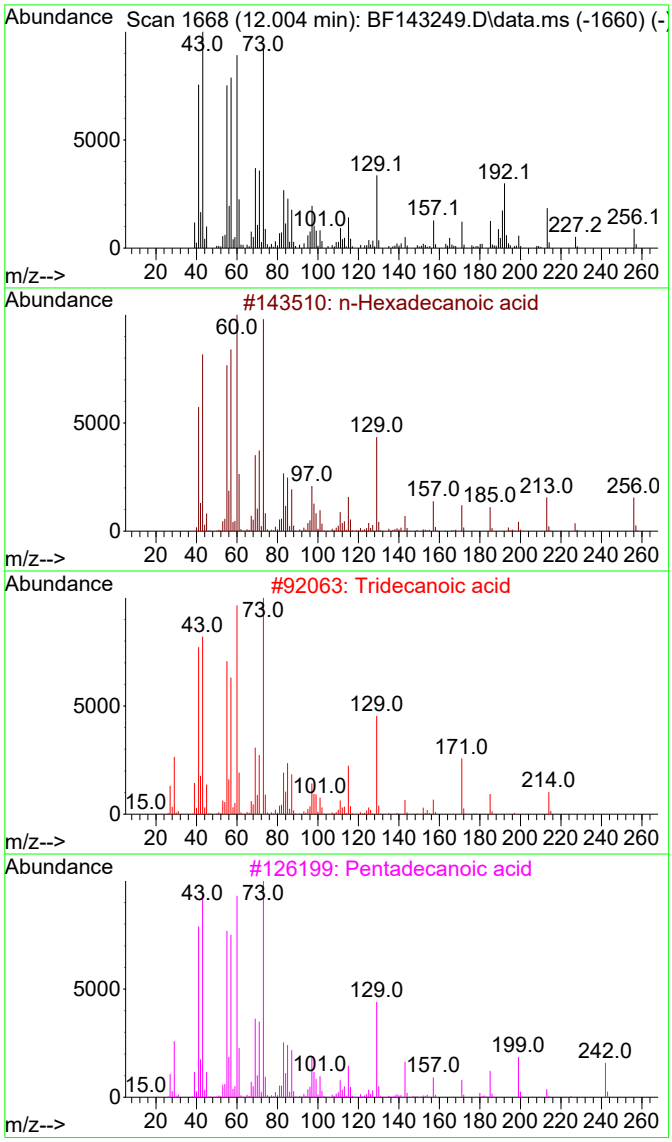
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

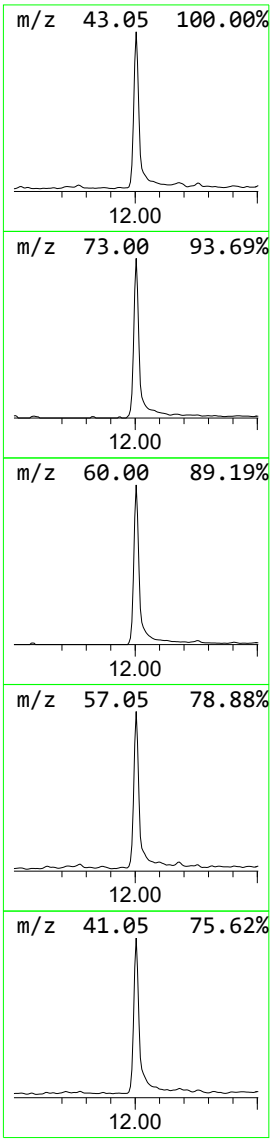
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	16.78 ng	507797	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

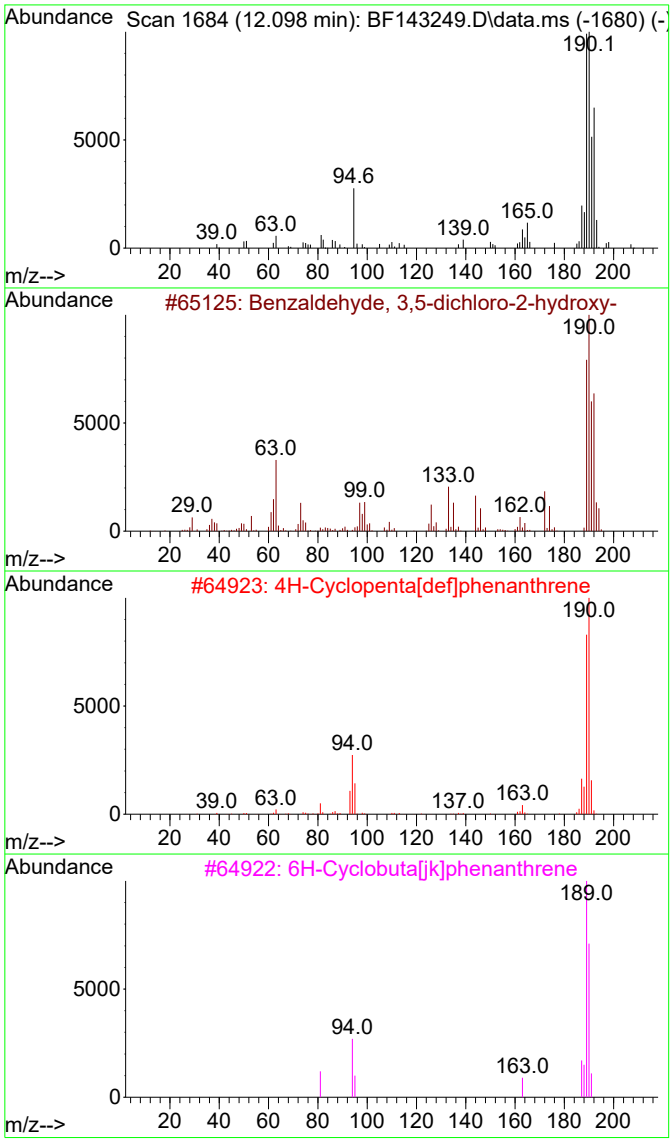
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

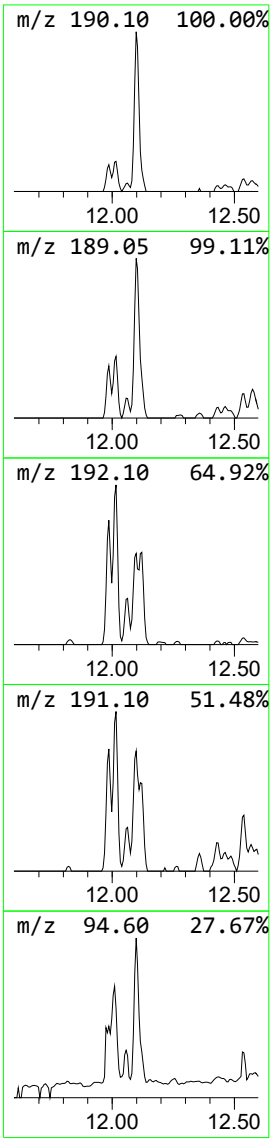
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	3.49 ng	105543	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

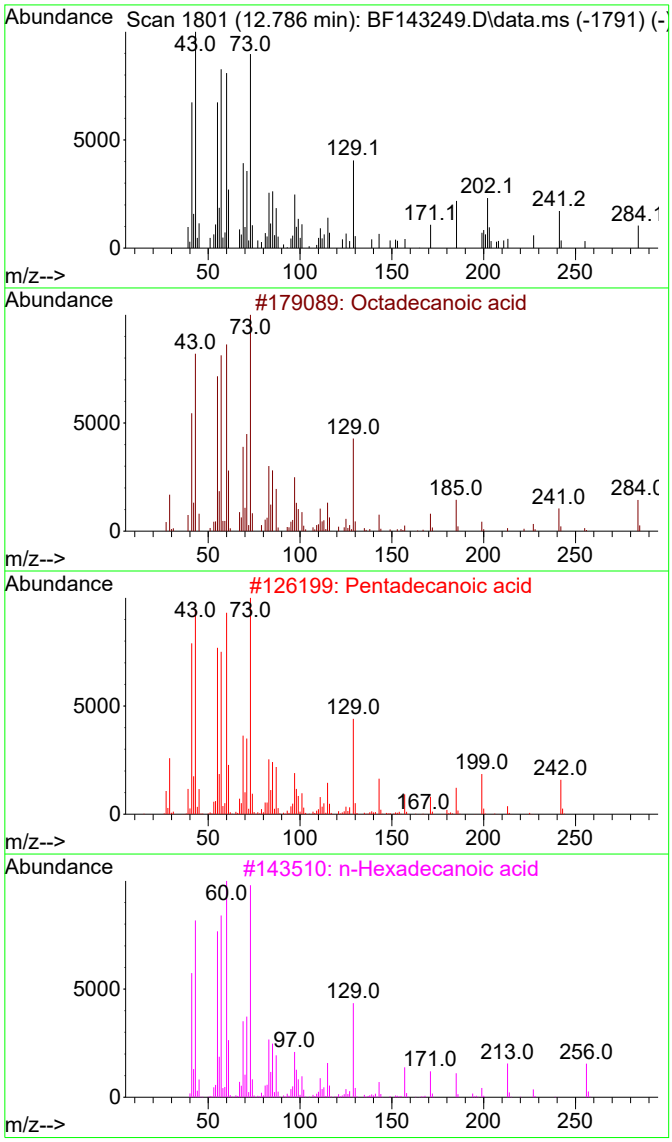
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

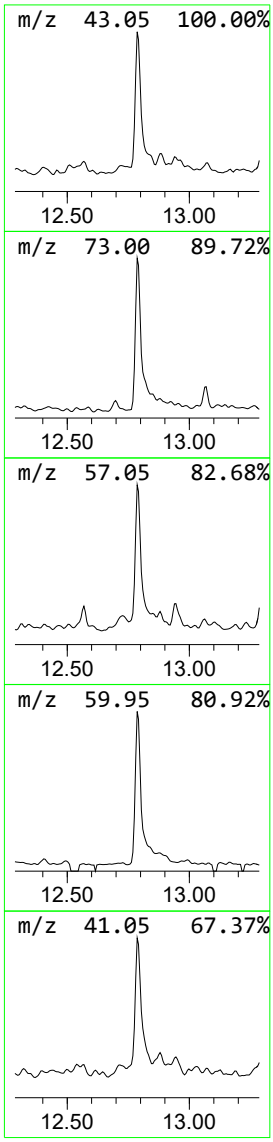
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	3.50 ng	106014	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





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Data File : BF143249.D
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Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

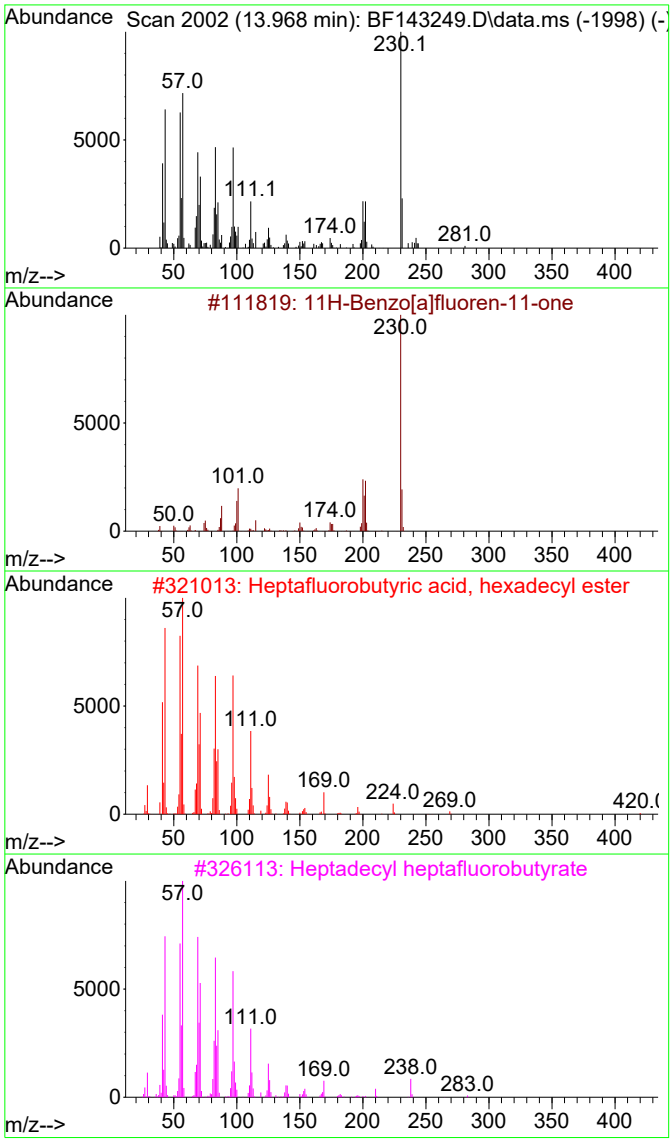
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

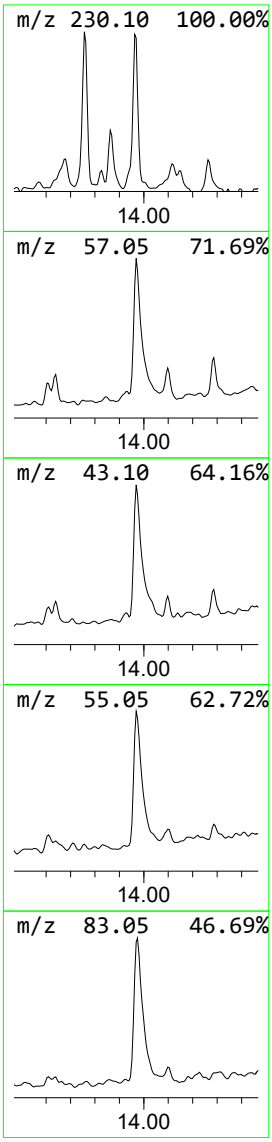
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.968	2.92 ng	137414	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	53
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	53
4	Octacosanol	410	C28H58O	000557-61-9	46
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

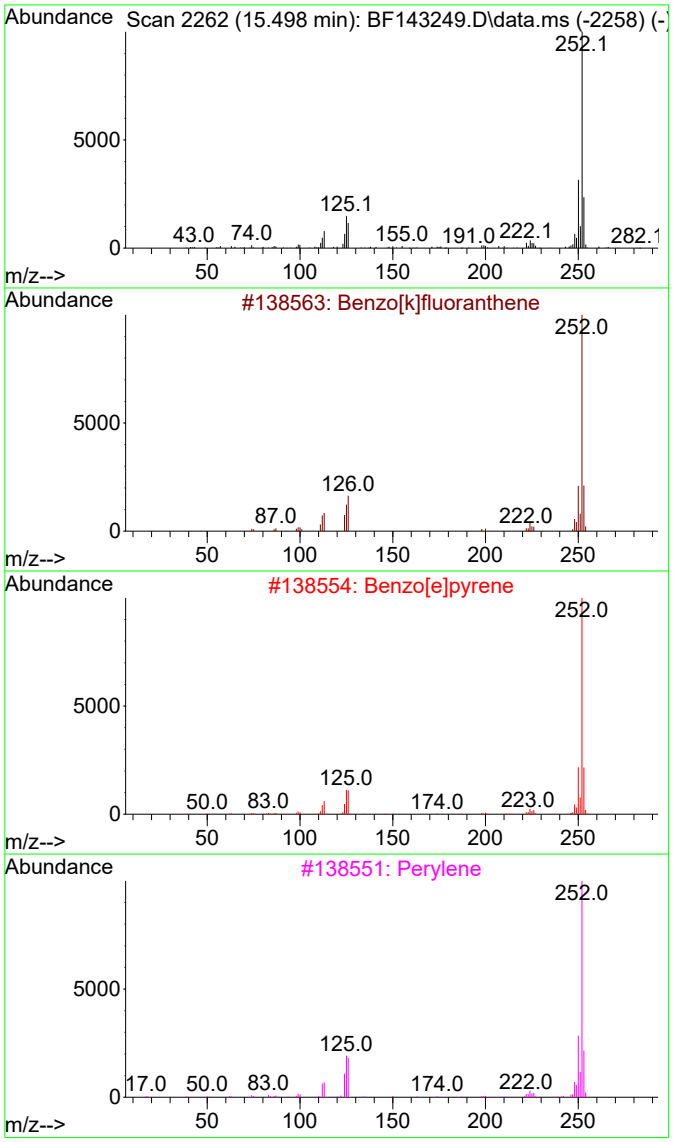
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

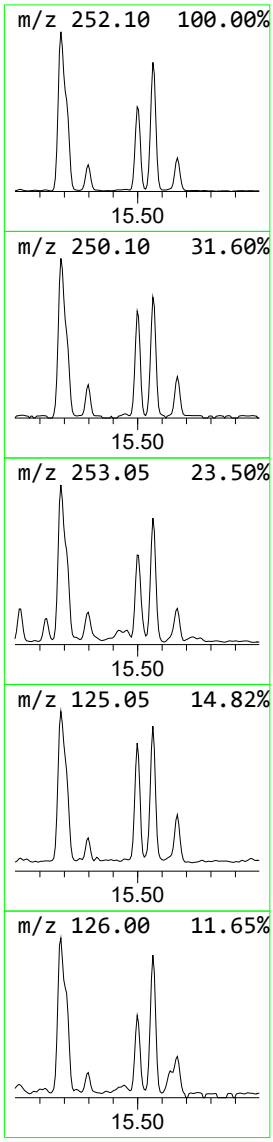
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.498	3.30 ng	109549	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143249.D
Acq On : 25 Jul 2025 14:18
Operator : RC/JU
Sample : Q2687-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-251

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.304	39.8	ng	1158470	1	6.963	582232	20.0
2-Pentanone, 4-...	5.198	8.5	ng	247356	1	6.963	582232	20.0
Benzophenone	10.704	9.6	ng	330280	3	9.998	687461	20.0
n-Hexadecanoic ...	12.004	16.8	ng	507797	4	11.486	605229	20.0
Benzaldehyde, 3...	12.098	3.5	ng	105543	4	11.486	605229	20.0
Octadecanoic acid	12.786	3.5	ng	106014	4	11.486	605229	20.0
11H-Benzo[a]flu...	13.968	2.9	ng	137414	5	14.121	940531	20.0
Benzo[e]pyrene	15.498	3.3	ng	109549	6	15.633	663173	20.0